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STATE OF CALIFORNIA
The Resources Agency

partment of Water Resources

BULLETIN No. 130-71

HYDROLOGIC DATA: 1971

Volume II: NORTHEASTERN CALIFORNIA

DECEMBER 1972

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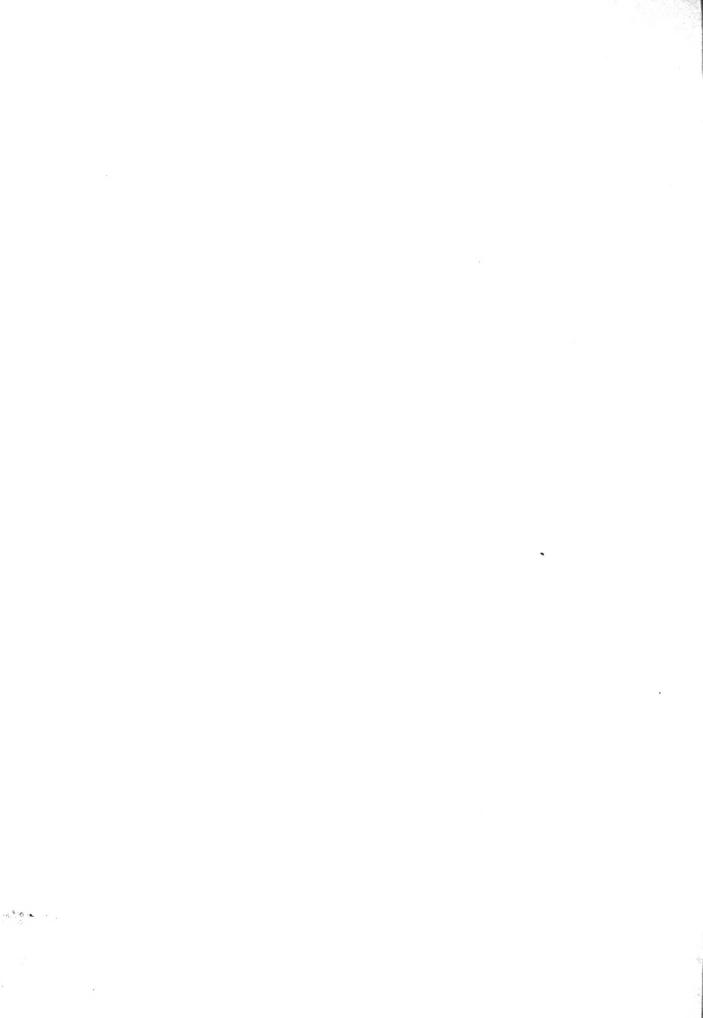
Governor

State of California

WILLIAM R. GIANELLI

Director

Department of Water Resources



STATE OF CALIFORNIA The Resources Agency

Department of Water Resources

BULLETIN No. 130-71

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DECEMBER 1972

NORMAN B. LIVERMORE, JR. Secretary for Resources The Resources Agency Governor
State of California

WILLIAM R. GIANELLI

Director

Department of Water Resources

BULLETIN No. 130 HYDROLOGIC DATA 0 R E G N AREAL COVERAGE OF VOLUMES SISKIYOU NORTH COAST EACH VOLUME CONTAINS AREA Appendix A: Climatological Data Surface Water Measurements Appendix B: VOLUME LASSEN **Ground Water Measurements** Appendix C: Appendix D: Surface Water Quality NORTHEASTERN CALIFORNIA Ground Water Quality Appendix E: PLUMAS THIS VOLUME : GLENN COLUSA EL DORADO SONOMA MARIN TUOLUMNE MONO SAN FRANCISCO MARIPOSA SAN MATEO VOLUME HISANTA MADERA MERCED CENTRAL SANTA CRUZ COASTAL VOLUME IX **AREA** SAN JOAQUIN INYO VALLEY MONTEREY KINGS SAN KERN SAN BERNARDINO SANTA LENTURA BARBARA SOUTHERN CALIFORNIA LOS ANGELES 0 0 0 1 TOR ANGE 0 RIVERSIDE N a IMPERIAL SAN DIEGO 1 0 X E M

FOREWORD

The hydrologic data programs of the Department of
Water Resources supplement the data collection activities of
other agencies and help satisfy the needs for data on the
quality and quantity of water in the State. Bulletin No. 130-71
presents accurate, comprehensive, and timely hydrologic data
which provide a more complete knowledge of the factors affecting our environment and are prerequisites for effective planning, design, construction, and operation of water facilities.

The Bulletin No. 130 series is published annually in five volumes. Each volume presents hydrologic data for one of five reporting areas of the State. These areas are delineated on the map on the opposite page.

William R. Gianelli, Director Department of Water Resources The Resources Agency

State of California December 8, 1972

METRIC CONVERSION TABLE

ENGLISH UNIT	EQUIVALENT METRIC UNIT
l Inch (in)	2.54 Centimeters
1 Foot (ft)	0.3048 Meters
1 Mile (mi)	1.609 Kilometers
1 Acre	0.405 Hectares
1 Square mile (sq.mi.)	2.590 Square kilometers
1 U. S. gallon (gal)	3.785 Liters
1 Acre-foot (ac.ft.)	1,233.5 Cubic meters
1 U. S. gallon per minute (gpm)	0.0631 Liters per second
1 Cubic foot per second (cfs)	1.7 Cubic meters per minute
1 Part per million (ppm)	1 Milligram per liter (mg/l)
l Part per billion (ppb)	1 Microgram per liter (ug/l)
l Part per trillion (ppt)	1 Nanogram per liter (ng/l)
l Equivalent per million (epm)	l Milliequivalent per liter (me/l)
Degrees Fahrenheit (°F)	5/9 (°F-32) Degrees Celsius (°C)

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ACKNOWLEDGMENTS

In the collection of data for this bulletin, the

Department has been aided by various public and private agencies

and by many private citizens. This cooperation is gratefully

acknowledged. Special mention is made of the following agencies

which have made substantial contributions to this bulletin.

Arcade Water District Butte County California Water Service Company City of Stockton Colusa County

East Bay Municipal Utility District Glenn County Lake County National Weather Service Pacific Gas and Electric Company

Placer County Sacramento County Sacramento Municipal Utility District San Joaquin County Solano County

South San Joaquin Irrigation District South Sutter Water District Stockton and East San Joaquin Water Conservation District Sutter County Tehama County

U. S. Army Corps of Engineers
U. S. Bureau of Reclamation
U. S. Geological Survey
Yolo County
Yuba County

State of California The Resources Agency DEPARTMENT OF WATER RESOURCES

RONALD REAGAN, Governor, State of California
NORMAN B. LIVERMORE, JR., Secretary for Resources
WILLIAM R. GIANELLI, Director, Department of Water Resources
JOHN R. TEERINK, Deputy Director

This report was prepared in the

CENTRAL DISTRICT

John M. Haley District Engineer Vernon Bengal Chief, Water Resources Evaluation Branch							
by							
Edward J. Labrie Chief, Water Supply Section							
assisted by							
Grant C. Ardell Water Resources Engineering Associate Joseph L. Clausse Water Resources Engineering Associate Emil M. Padjen Water Resources Engineering Associate							
NORTHERN DISTRICT							
Albert J. Dolcini							
by							
Robert F. Clawson Chief, Water Quality and Biology Section Robert F. Middleton, Jr Chief, Surface Water and Flood Control Section Philip J. Lorens Chief, Geology and Ground Water Section Robert R. McGill							

Reviewed and Coordinated by Division of Resources Development Environmental Quality Branch Water Resources Evaluation Section

ABSTRACT

Report contains tables showing data on climate, surface water flow, ground water levels, and surface and ground water quality in Northeastern California for the 1970-71 water year. Figures show the location of climatological observation stations and ground water basins; the fluctuation of average ground water level; fluctuation of water level in wells; the location of surface water measurement and surface water quality stations; and hydrographic unit boundaries.

Appendix A
CLIMATOLOGICAL DATA

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INTRODUCTION

The Department of Water Resources has substantially reduced its collection and publication of climatological data in recent years. In this issue of Bulletin No. 130, only the storage gage precipitation data for the 1971 water year will be printed. These gages are located in the remote mountain regions where there are no observers available for conventional rain gages. Storage precipitation gages are tanks with capacity for storing an entire year's rainfall along with antifreeze to melt frozen precipitation and oil to prevent evaporation losses.

California's primary network of precipitation data, which was formerly printed in this bulletin, is available in "Climatological Data-California", and "Hourly Precipitation Data-California". These National Weather Service publications are available from:

Superintendent of Documents Government Printing Office Washington, D. C. 20402

The primary network of precipitation stations has been found to be inadequate for operating local water supply and small-scale flood control projects. Local agencies within the area covered by this report have responded to this need by establishing their own supplemental rain gage networks. Some of these agencies are:

City of Roseville

East Bay Municipal Utility
 District

Pacific Gas and Electric
 Company

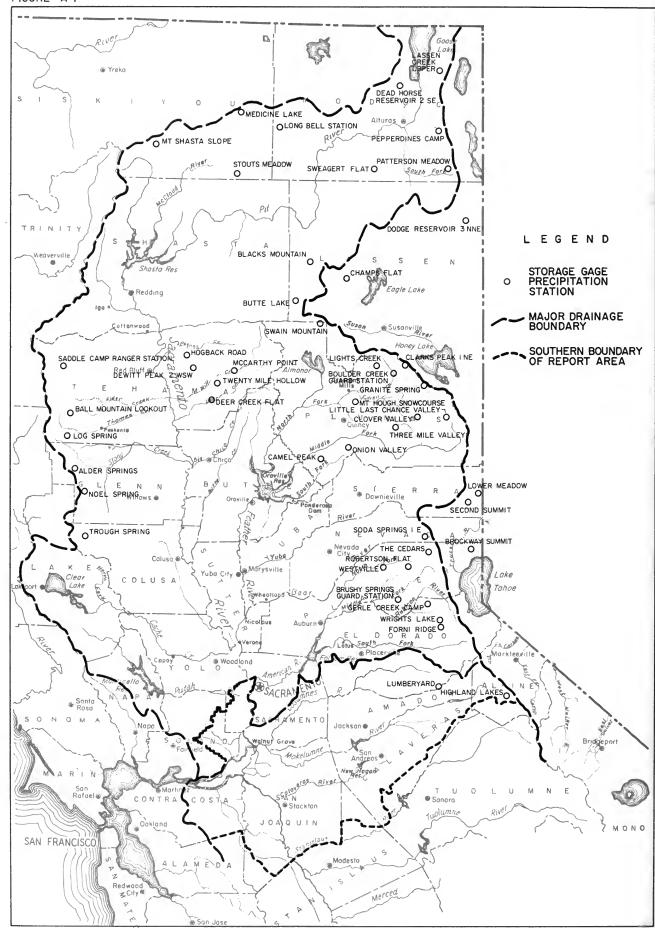
Placer County Water Agency

Sacramento County

Sacramento Municipal Utility
 District

Tehama County Flood Control

and Water Conservation



CLIMATOLOGICAL OBSERVATION STATIONS

TABLE A-1

INDEX OF STORAGE GAGE PRECIPITATION STATIONS IN NORTHEASTERN CALIFORNIA

An explanation of the column headings and the code symbols used in connection with the storage gage station listing follows:

Station Number - Each station in this appendix has been assigned an identification number. The letter and first digit denote the hydrographic area as shown below. The remaining digits denote the sequence of the station in alphabetical order.

Sacramento River Basin

Al Pit River

A2 Shasta Lake

A3 Sacramento Valley Westside

A4 Sacramento Valley Northeast

A5 Feather River

A6 Yuba-Bear Rivers

A7 American River

San Joaquin River Basin

Bl Cosumnes River

B2 Mokelumne-Calaveras Rivers

North Lahontan Area

G2 Madeline Plains

G3 Eagle Lake

G7 Truckee River

40-Acre Tract - This denotes the location of the station within the section. The letter code is derived from the diagram to the right.

D	С	В	Α
E	F	G	Н
M	L	K	J
N	P	Q	R

46

47

52

Sierra

Tehama

Siskiyou

Base and Meridian - The code for this column is as follows:

M - Mount Diablo Base and Meridian

Cooperator Number - This number is assigned from the following list:

000 Private Cooperators

419 Tehama County Flood Control and Water Conservation District

814 California Department of Water Resources, Snow Surveys

900 National Weather Service

903 U. S. Corps of Engineers

905 U. S. Forest Service

911 Military Weather Stations in California

Cooperator's Index Number - This is the number assigned to the station by the agency responsible for or handling the records of the station. The National Weather Service number is shown in this column only when it differs from the alpha order number.

<u>County</u> - This is a standard code for California counties and adjacent areas as shown below:

Alpine	02	Modoc	25	
Colusa	06	Nevada	29	
El Dorado	09	Placer	31	
Glenn	11	Plumas	32	
Lassen	18	Shasta	45	

TABLE A-I INDEX OF STORAGE GAGE PRECIPITATION STATIONS

NORTHEASTERN CALIFORNIA

	Station	Elevotion (In Feet)	Section	Township	Range	cre Troct	Meridion	Latitude		Longifude	Cooperator	operator's Index Number	Record	Record	Yeors Missing	
Number	Name	d n	Sec	Town	R	40-Acre	Bose &	0 I	н	0 1 11 C	Coop	Cooperator Index Number	S. B.	å,	Yeors	
A3 0093	ALDER SPRINGS	4400	SEC 24	T21N	RO8W	G	М	39 39	39	122 42 26	903		1966			1
A3 0468	BALL MOUNTAIN LOOKOUT	6500	SEC 17	T24N	R08W		M	39 56	00	122 47 00	900		1948			5
Al 0867	BLACKS MOUNTAIN	7200	SEC 33	T34N	RO7E		M	40 46	00	121 12 00	900		1941		05	1
A5 1002	BOULDER CREEK GUARD STATION	5020	SEC 15	T27N	R12E	G	M	40 11	52	120 36 45	905		1964			3
G7 1096	BROCKWAY SUMMIT	7200	SEC 03	T16N	R17E	K	M	39 16		120 04	903		1961			2
A7 1133	BRUSHY SPRINGS GUARD STATION	4880	SEC 06	T13N	R13E	M	M	39 00	20	120 34 40	000		1951			3
Al 1238	BUTTE LAKE	6060	SEC 10	T31N	R06E	F	М	40 33	48	121 18 06	900	041237	1960			1
A5 1348	CAMEL PEAK	5560	SEC 32	T22N	RO8E	Н	М	39 43	26	121 05 58	000		1967			3
G3 1644	CHAMPS FLAT	5590	SEC 27	T33N	RO9E	М	М	40 41	42	120 57 30	000		1959			:
A5 1783	CLARKS PEAK 1 NE	5910	SEC 10	T27N	R13E	Н	М	40 12	50	120 29 34	000		1958			3
AE 10/E 22	CLOUPD WALLEY	F F O O	6D6 63	m2 / N	D1/D		.,			120 27 00	000		1065			
A5 1845-32	CLOVER VALLEY	5500	SEC 07	T24N	R14E	R	М		40	120 27 00	000		1965			-
A1 2320	DEAD HORSE RESERVOIR 2 SE	5075	SEC 35	T45N	R12E	L	М	41 42		120 33 00	000	m:000 F	1959			:
A4 2335	DEER CREEK FLAT	1910	SEC 14	T25N	RO1E	J	M	40 01		121 49 34	419	PN2335	1960			
A4 2416	DEWITT PEAK 2 WSW	1480	SEC 33	T27N	RO1W	R	M	40 08		121 58 23	419		1960			
G2 2460	DODGE RESERVOIR 3 NNE	6400	SEC 11	T36N	R16E	С	М	41 00	30	120 07 30	000		1959			
A7 3153	FORNI RIDGE	7600	SEC 16	T11N	R16E		M	38 48		120 13	814		1966			(
A7 3388	GERLE CREEK CAMP	5400	SEC 11	T13N	R14E	L	M	38 59	06	120 22 45	000		1945			1
A5 3549-32	GRANITE SPRING	5765	SEC 13	T26N	R14E	J	M	40 06	23	120 20 34	000		1965			
B2 3952	HIGHLAND LAKES	8700	SEC 32	T08N	R20E	Q	M	38 29	48	119 47 48	000	003954	1960			
A4 4019	HOGBACK ROAD	1320	SEC 05	T27N	R01W	F	M	40 13	27	122 00 03	419		1960			
1 /015	TACCON ODDER UDDED	(775	CDQ 21	m/ EN	DIER	ъ		/1 /5		120 1/ /2	000		1050			
1 4815	LASSEN CREEK UPPER	6775	SEC 21	T45N	R15E	R	M	41 45		120 14 42	000		1958			
A5 4932	LIGHTS CREEK	5320	SEC 02	T27N	RIIE	F	M		48	120 42 30	000		1959			:
A5 4977	LITTLE LAST CHANCE VALLEY	5730	SEC 05	T24N	R16E	M	М	39 57		120 13 00	000		1959			
A3 5043	LOG SPRING	5050	SEC 29	T23N	R08W	D	М		36	122 47 29	903		1964			
A1 5081-01	LONG BELL STATION	4375	SEC 20	T42N	RO5E	В	М	41 28	00	121 25 00	000		1958			
G7 5163	LOWER MEADOW	5760	SEC 25	T20N	R17E	Α	M	39 33	42	120 01 54	911		1957			
B1 5189	LUMBERYARD	6480	SEC 15	T08N	R15E	F	M	38 32	55	120 18 24	000		1967			(
A4 5444	MCCARTHY POINT	3800	SEC 19	T27N	RO3E		M	40 11	00	121 41 00	900		1945			
A1 5505	MEDICINE LAKE	6725	SEC 10	T43N	RO3E	С	M	41 35	00	121 37 00	900		1946			4
A5 5956	MT HOUGH SNOWCOURSE	6760	SEC 08	T25N	R10E	J	M	40 02	29	120 52 43	000		1964			:
A2 5982	MT SHASTA SLOPE	7500	SEC 30	T41N	R03W	Q	М	41 22	00	122 16 00	900		1947			
A3 6212	-	5000									903					
	NOEL SPRING		SEC 05	T19N	RO7W	В	M	39 32		122 40 03			1964			
A5 6452	ONION VALLEY	6530	SEC 05	T22N	R10E	G	M	39 48		120 53 06	000		1959			
Al 6750	PATTERSON MEADOW	7000	SEC 29	T39N	R16E	_	M	41 11		120 12 00	000		1958			
A1 6 803	PEPPERDINES CAMP	6650	SEC 28	T42N	R15E	F	M	41 26	30	120 14 00	000		1958			-
A7 7492	ROBERTSON FLAT	6740	SEC 11	T15N	R13E	N	M	39 09	26	120 30 06	000		1946			
A3 7637	SADDLE CAMP RANGER STATION	3850	SEC 30	T27N	RO8E		M	40 10	00	122 48 00	900		1945			
C7 8082	SECOND SUMMIT	6460	SEC 03	T19N	R17E	Н	M	39 31	43	120 03 58	911		1958			4
A6 8332	SODA SPRINGS 1 E	6885	SEC 23	T17N	R14E	G	М	39 19	33	120 22 00	900	PN8320	1946		05	
A2 8591	STOUTS MEADOW	5300	SEC 01	T38N	R01W	В	M	41 10	00	121 56 00	900		1946			4
A5 8716	SWAIN MOUNTAIN	6160	SEC 20	T30N	ROSE	т	м	40 26	/ ₁ 0	121 06 00	000		1957			
A1 8718	SWEAGERT FLAT	6000	SEC 20	T39N	R10E			41 14	+0	120 47 30	000		1958			
A7 8881									00	120 47 30	000		1945			
	THE CEDARS	5900	SEC 13	T16N				39 54								
A5 8909	THREE MILE VALLEY	5900	SEC 36	T24N						120 34 15	000		1959			
A3 9037	TROUGH SPRING	4000	SEC 28	T17N	R07W	ь	M	39 17	46	122 39 11	903		1964			(
A4 9098	TWENTY MILE HOLLOW	2800	SEC 07	T26N	R02E	F	M	40 07	33	121 48 12	000		1960			
A7 9597	WESTVILLE	5290	SEC 05	T15N	R12E	J	M	39 10	30	120 39 08	000		1948			17
n/ 333/	WRIGHTS LAKE	6950	SEC 32	T12N	D16P			38 50	20	120 14 02	900		1946			C

TABLE A-2
STORAGE GAGE PRECIPITATION DATA

Station	Agency		son	
Beation		Measuremen	t Period	Precipitation in Inches
SACRAMENTO RIVER BASIN				
PIT RIVER A1				
BLACKS MOUNTAIN	DWR Northern District	6-22-70	8- 9-71	34.14
BUTTE LAKE	DWR Northern District	7- 2-70	7- 7-71	46.20
DEAD HORSE RESERVOIR 2 SE	DWR Northern District	6-24-70	8-11-71	24.10
LASSEN CREEK UPPER	DWR Northern District	6-24-70	8-11-71	29.62
LONG BELL STATION	DWR Northern District	6-25-70	7-29-71	33.63
MEDICINE LAKE	DWR Northern District	6-25-70	7-29-71	52.63
PATTERSON MEADOW	DWR Northern District	6-23-70	8-10-71	38.09
PEPPERDINES CAMP SWEAGERT FLAT	DWR Northern District DWR Northern District	6-23-70 6-25-70	8-10-71 8- 9-71	40.91 41.86
SWEAGERI FLAI	DWK NOTCHEIN DISCFICE	0-23-70	0- 9-/1	41.00
SHASTA LAKE A2				
MT. SHASTA SLOPE	DWR Northern District	6-24-70	7-28-71	74.38
STOUTS MEADOW	DWR Northern District	6-24-70	8-12-71	98.12
SACRAMENTO VALLEY WESTSIDE A3				
ALDER SPRINGS	COE Sacramento District	10-13-70	8-25-71	37.70
BALL MOUNTAIN LOOKOUT	DWR Northern District	7- 7-70	8-26-71	51.18
LOG SPRING	COE Sacramento District	10-12-70	8-25-71	38.95
NOEL SPRING	COE Sacramento District	10-13-70	8-25-71 6-28-71	45.65 34.67
SADDLE CAMP RANGER STATION	DWR Northern District	7- 6-70		
TROUGH SPRING	COE Sacramento District	10-14-70	8-26-71	47.15
SACRAMENTO VALLEY NORTHEAST A4				
	man at the second		0 21 -1	20. (2
DEER CREEK FLAT DeWITT PEAK 2 WSW	DWR Northern District DWR Northern District	7-15-70 7- 8-70	9-21-71 6-29-71	30.62 27.49
HOGBACK ROAD	DWR Northern District	7- 6-70 7- 6-70	6-28-71	29.34
McCARTHY POINT	DWR Northern District	7- 9-70	6-30-71	46.59
TWENTY MILE HOLLOW	DWR Northern District	7- 9-70	6-30-71	31.35
FEATHER RIVER A5				
BOULDER CREEK GUARD STATION	DWR Central District	9-30 - 70	9-22-71	35.38
CAMEL PEAK	DWR Central District	9-28-70	9-20-71	74.22
CLARKS PEAK 1 NE	DWR Central District	9-30-70	9-22-71	35.68 26.12
CLOVER VALLEY GRANITE SPRING	DWR Central District DWR Central District	10- 1-70 10- 1-70	9-23-71 9-23-71	26.54
				46.88
LIGHTS CREEK	DWR Central District DWR Central District	9-30-70 10- 1-70	9-22-71 9-23-71	23.90
LITTLE LAST CHANCE VALLEY MT. HOUGH SNOWCOURSE	DWR Central District	9-29-70	9-21-71	63.15
ONION VALLEY	DWR Central District	9-29-70	9-21-71	67.99
SWAIN MOUNTAIN	DWR Central District	9-30-70	9-22-71	69.75
THREE MILE VALLEY	DWR Central District	10- 1-70	9-23-71	48.37
YUBA-BEAR RIVERS A6				
SODA SPRINGS 1 E	COE Sacramento District	10- 9-70	7-13-71	76.00
AMERICAN RIVER A7				
			- 01 -1	57.07
BRUSHY SPRINGS GUARD STATION	DWR Central District	9-25-70 9-28-70	7-21-71 10- 1-71	57.97 47.81
FORNI RIDGE GERLE CREEK CAMP	DWR Snow Surveys DWR Central District	10- 6-70	7-21-71	58.67
ROBERTSON FLAT	DWR Central District	9-24-70	7-19-71	78.91
THE CEDARS	DWR Central District	10- 2-70	7-19-71	64.44
WESTVILLE	DWR Central District	9-24-70	7-19-71	57.68
WRIGHTS LAKE	DWR Central District	10- 6-70	7-21-71	61.83
A.V0.007V D.V				
SAN JOAQUIN RIVER BASIN				
COSUMNES RIVER B1				
LUMBERYARD	DWR Central District	10- 7-70	9-30-71	73.61
MOKELUMNE-CALAVERAS RIVERS B2				
HIGHLAND LAKES	DWR San Joaquin District	7- 8-70	6-30-71	36.05
NORTH LAHONTAN AREA				
MADELINE PLAINS G2				
DODGE RESERVOIR 3 NNE	DWR Northern District	6-23-70	8-10-71	20.88
EAGLE LAKE G3				
CHAMPS FLAT	DWR Northern District	6-22-70	8- 9-71	23.32
TRUCKEE RIVER G7				
	COE Sacramento District	10- 9-70	10- 1-71	39.95
BROCKWAY SUMMIT				
BROCKWAY SUMMIT LOWER MEADOW	USFS Inter Mountain	10- 1-70	6- 1-71	28.58

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Appendix B SURFACE WATER MEASUREMENTS

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		,

INTRODUCTION

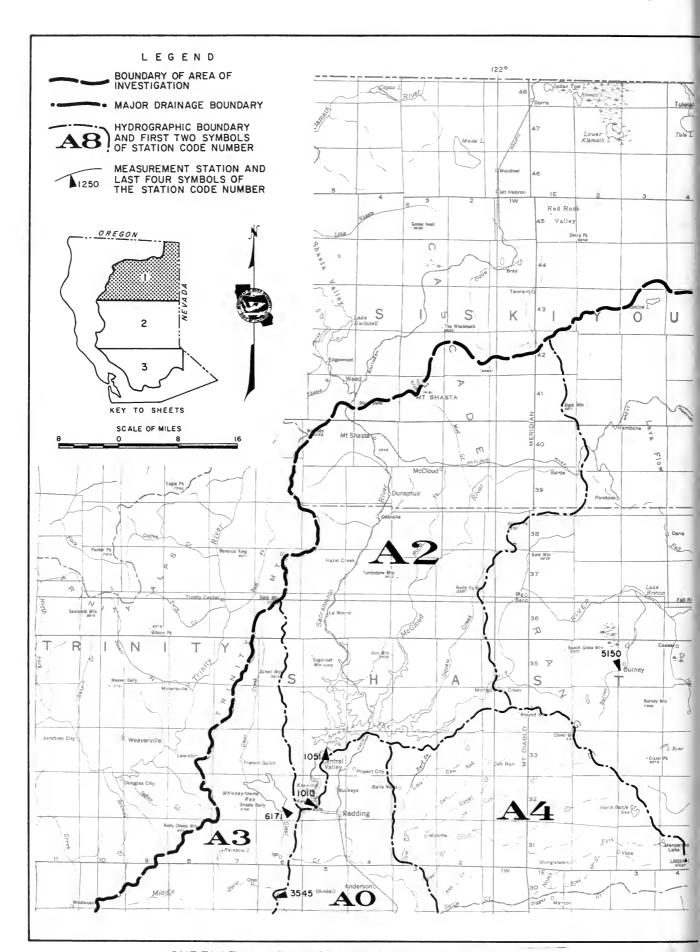
This appendix contains surface water data for the 1971 water year, which is from October 1, 1970, to September 30, 1971. The data consist of daily mean discharges; daily mean gage heights; daily maximum and minimum tides; gaging station locations; diversion quantities; water imported to the report area; water exported from the report area; summary of water supply and utilization for the Sacramento-San Joaquin Delta; streamflow measurements at miscellaneous locations; corrections and revisions to previously published reports; and contents and inflow for major reservoirs.

Each station in this appendix has been assigned an identification number. The first two digits denote the hydrographic unit as shown below. The remaining digits further identify the station.

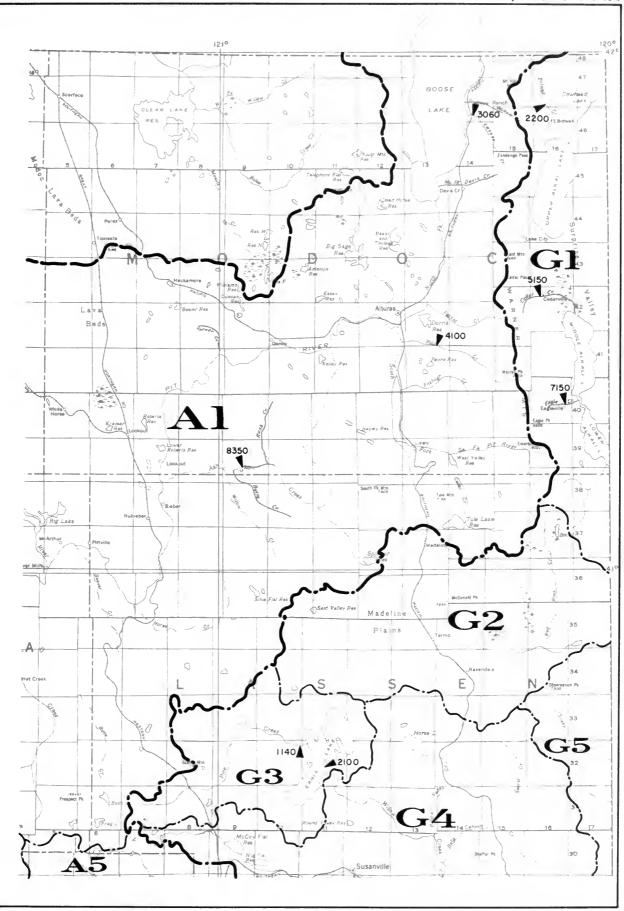
Sacramento River Basin	San Joaquin River Basin	North Lahontan Area
AO Sacramento Valley Floor	BO San Joaquin Valley Floor	Gl Surprise Valley G2 Madeline Plains
Al Pit River	Bl Cosumnes River	G3 Eagle Lake
A2 Shasta Lake	B2 Mokelumne-Calaveras	G4 Susan River
A3 Sacramento Valley	Rivers	G5 Smoke River
Westside	B8 San Joaquin Valley	G6 Herlong
A4 Sacramento Valley	Westside	G7 Truckee River
Northeast	B9 Sacramento-San	G8 Carson River
A5 Feather River	Joaquin Delta	G9 Walker River
A6 Yuba-Bear Rivers	-	
A7 American River	San Francisco Bay Area	
A8 Cache Creek	EO San Francisco Bay	

In addition to data collected and published by the Department of Water Resources in this appendix, the U. S. Geological Survey collects and publishes data on many additional gaging stations for the same report area. This work is done under a federal-state cooperative contract or through cooperative arrangements with other local or governmental agencies. The data published in the following reports together with this report present a comprehensive analysis of water resources for the area:

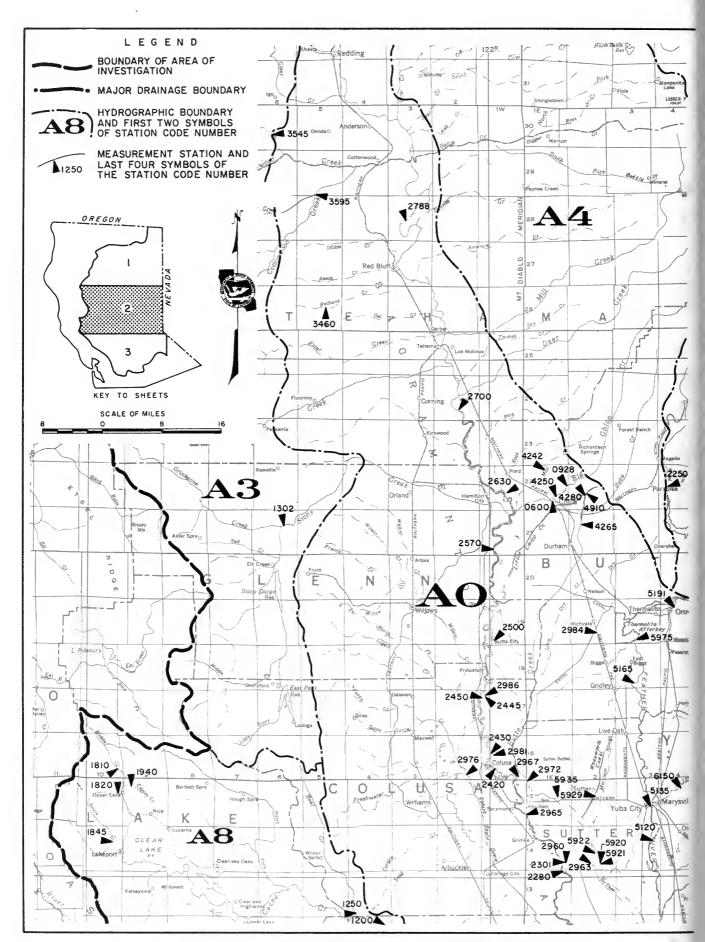
- 1. "Water Resources Data for California, Part 1: Surface Water Records, Volumne 2: Northern Great Basin and Central Valley." U. S. Department of the Interior, Geological Survey.
- 2. "Annual Report of Operations, Central Valley Operations Office, Water and Power Control Division." U. S. Department of the Interior, Bureau of Reclamation.
- 3. Bulletin No. 120, "Water Conditions in California, Fall Issue." Department of Water Resources.
- 4. Bulletin No. 157, "Index of Stream Gaging Stations in and Adjacent to California, 1970". Department of Water Resources. This index contains the period of record -- with number of years missing -- and more information for stations in the report area. The index also identifies the agency from which a particular record may be obtained.



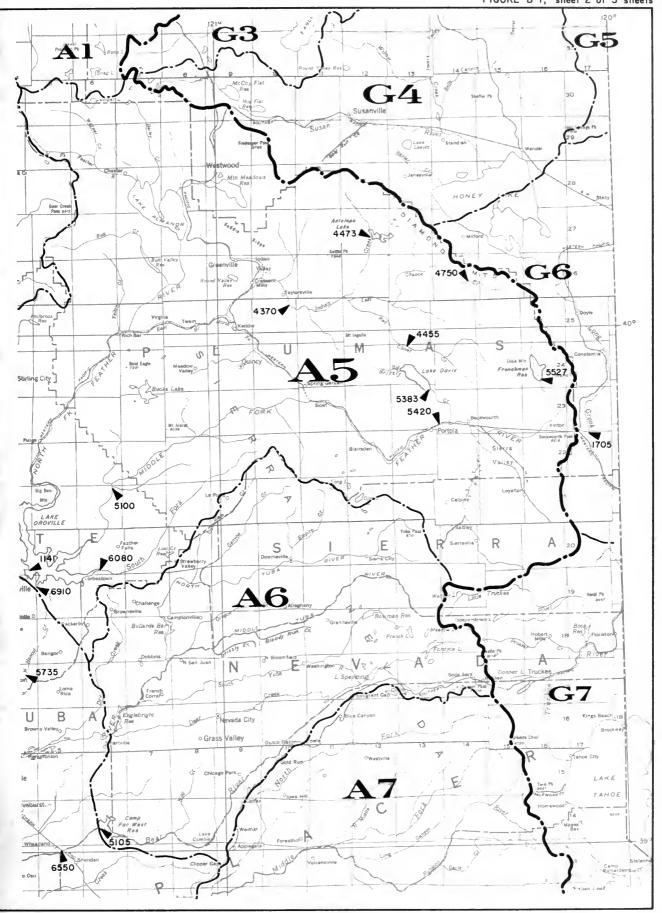
SURFACE WATER MEASUREMENT STATIONS 1970-71



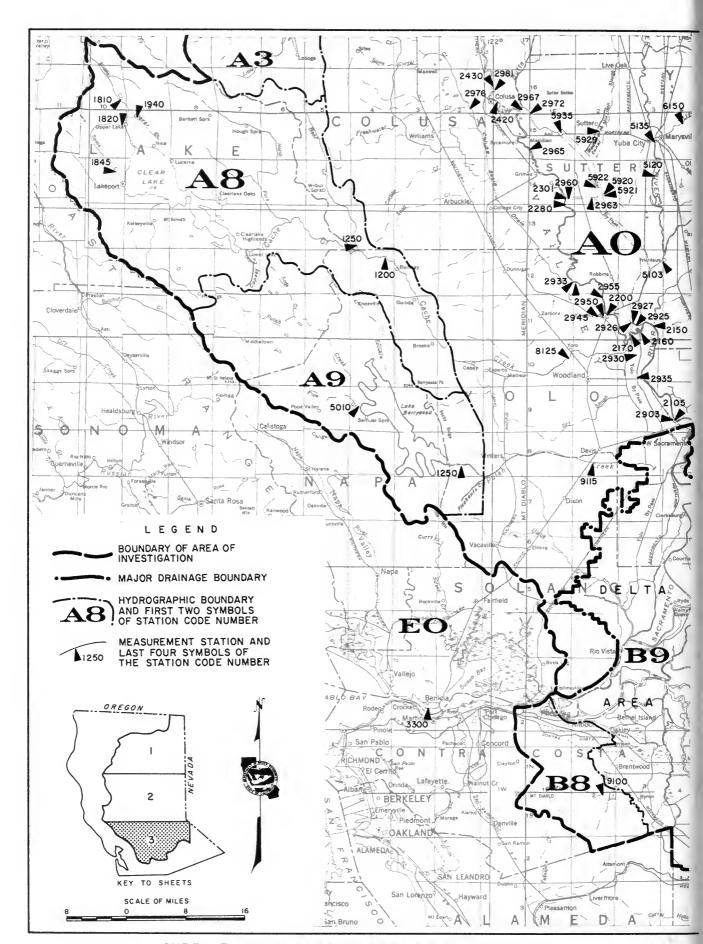
SURFACE WATER MEASUREMENT STATIONS 1970-71



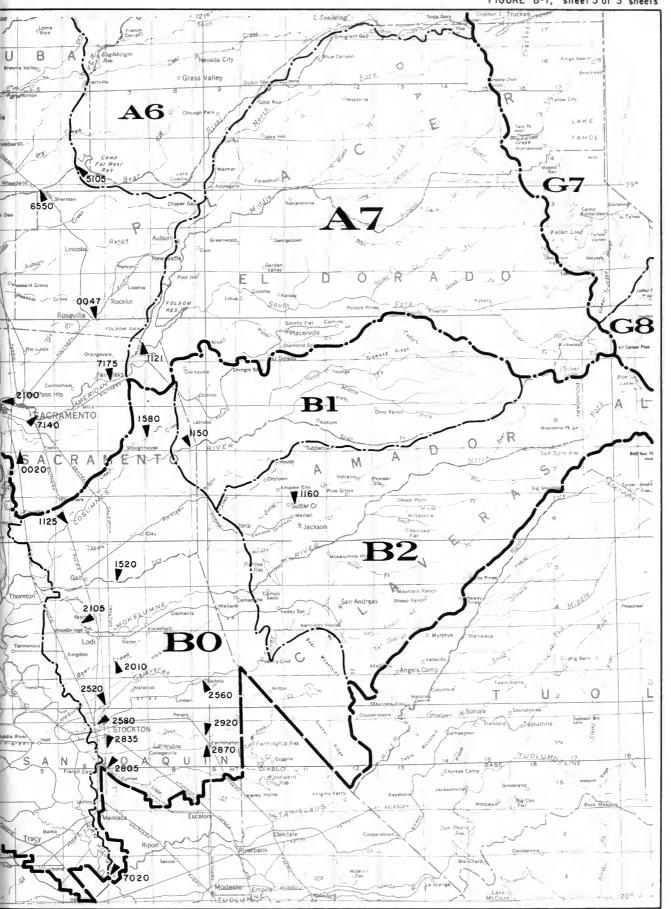
SURFACE WATER MEASUREMENT STATIONS 1970-71



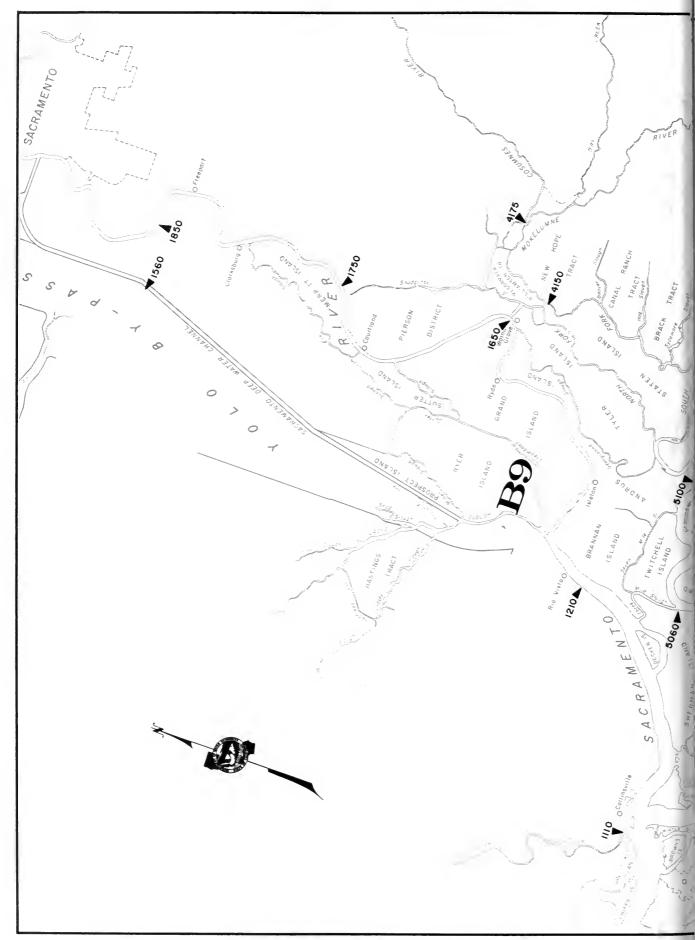
SURFACE WATER MEASUREMENT STATIONS 1970-71



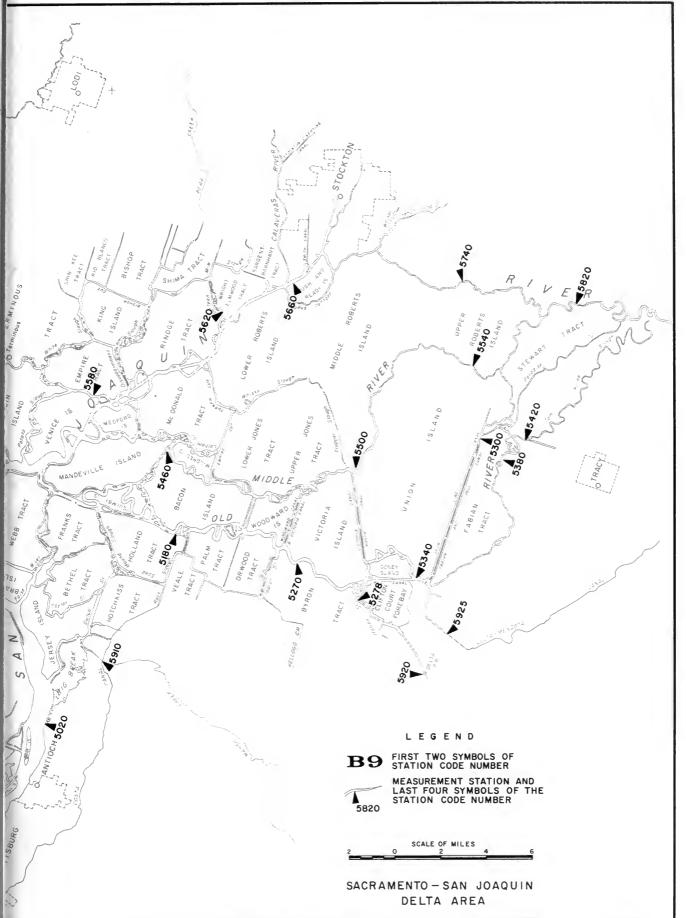
SURFACE WATER MEASUREMENT STATIONS 1970-71



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1750	Sacramento River at Snodgrass Slough		-						178
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5060	Three Mile Slough at San Joaquin River		-			•			201
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5340	Old River at Clifton Court Ferry		-			•			193
5380	Old River at Tracy Road Bridge		-	•	•	•			191
5420	Tom Paine Slough above Mouth		-		•	•			192
5460	Middle River at Bacon Island		-	•	•	•	•	•	190
5500	Middle River at Borden Highway		-	•	•		•	•	189
5540	Middle River at Mowry Bridge		-	•	•	•	•	•	188
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TABLES B-1 AND B-2 UNIMPAIRED RUNOFF

Unimpaired runoff is defined as
the flow that occurs naturally at a point
in a stream if there are: (1) no upstream
controls such as dams or reservoirs; (2)
no diversions or unnatural accretions; and
(3) no change in ground water storage
resulting from development. The computed
natural or unimpaired runoff values are
considered to be the flows that would occur
if no impairments were upstream from the
measurement point.

TABLE B-1

ANNUAL UNIMPAIRED RUNOFF

In Percent of Average

	Sacramento and San Joaquin Rivers to Delta (a)	Sacramento River near Red Bluff	Sacramento River at Sacramento (a)	Feather River near Oroville	Yuba River at Smartville	American River at Fair Oaks	Mokelumne River near Mokelumne Hill	San Joaqui River near Vernalis (a)
Average								
Annual								
Runoff (b)	23,229	7,950	17,072	4,286	2,266	2,570	704	5,453
1930-31	34	41	36	34	28	28	30	30
1931-32	88	64	77	78	93	101	106	121
1932-33	55	58	52	47	48	49	60	62
1933-34	48	57	51	47	44	44	42	42
1934-35	102	94	97	100	99	100	100	118
1935-36	107	89	102	100	114	132	127	119
1936-37	88	75 205	78	74	82	91	99	120
1937-38	191	185	186	201	178	175	176	206
1938-39	49	55	48	43	40	41	48	53
1939-40	129	132	131	132	126	132	122	121
1940-41	154	180	159	151	138	122	119	146
1941-42	145	142	148	155	150	152	140	136
1942-43	127	107	124	131	138	151	143	134
1943-44	64	59	61	67	62	57	63	72
1944-45	96	84	88	87	93	98	110	121
1945-46	103	101	103	98	106	111	106	105
1946-47	61	64	61	59	60	55	56	63
1947-48	89	96	92	90	89	87	90	77
1948-49	70	76	70	61	66	72	73	70
1949-50	85	72	85	90	98	104	107	84
1950-51	135	114	134	133	156	180	165	133
1951-52	169	145	168 .	186	182	194	188	171
1952-53	108	122	118	122	113	103	97	80
1953-54	90	117	102	99	85	~ 78	75	79
1954-55	64	71	64	58	57	61	62	64
1955-56	. 176	167	175	186	175	181	177	178
1956-57	85	90	87	85	86	83	85	79
1957-58	168	190	174	163	156	159	151	153
1958-59	66	85	71	67	55	48	53	55
1959-60	71	81	76	75	75	65	59	54
1960-61	62	90	70	62	50	41	40	39
1961-62	92	94	89	85	85	80	91	103
1962-63	130	125	135	146	145	138	124	115
1963-64	62	66	64	60	65	63	61	58
1964-65	151	130	150	162	171	174	170	149
1965-66	75	92	76	67	63	54	65	73
1966-67	151	132	141	147	146	154	162	183
1967-68	73	87	80	81	69	66	58	54
1968-69	172	149	154	166	144	160	189	223
1969-70	131	148	140	142	129	123	126	102
1970-71 (c)	119	136	130	133	126	110	106	89

⁽a) Figures were computed from summations of unimpaired runoff at foothill stations on major tributaries only and do not include runoff from minor tributaries and from valley floor.

⁽b) Average unimpaired runoff in thousands of acre-feet computed from the 50-year period October 1920 through September 1970.

⁽c) Preliminary data subject to revision.

TABLE B-2 MONTHLY UNIMPAIRED RUNOFF In Percent of Average

Month		Sacramento and San Joaquin Rivers to Delta (a)	Sacramento River near Red Bluff	Sacramento River at Sacramento (a)	Feather River near Oroville	Yuba River at Smartville	American River at Fair Oaks	Mokelumne River near Mokelumne Hill	San Joaquin River near Vernalis (a)
October	Percent	96	118	98	92	0	32	27	80
1970	Average	508	292	459	107	34	25	4	5
November	Percent	217	243	229	198	226	226	181	148
1970	Average	887	425	7 51	170	80	75	17	119
December	Percent	166	204	172	143	170	98	128	131
1970	Average	1,907	837	1,615	378	201	199	39	253
January	Percent	130	149	134	103	118	144	124	105
1971	Average	2,430	1,106	2,086	464	246	269	45	300
February	Percent	66	60	64	68	75	65	87	70
1971	Average	2,867	1,275	2,411	541	287	309	56	400
March	Percent	130	137	140	169	133	111	99	84
1971	Average	2,887	1,093	2,315	576	295	351	72	500
April	Percent	97	110	105	115	92	88	84	73
1971	Average	3,555	1,006	2,565	720	382	456	127	883
May	Percent	106	140	131	153	118	103	88	67
1971	Average	3,888	684	2,285	658	425	518	195	1,408
June	Percent	147	154	172	196	119	150	149	118
1971	Average	2,451	437	1,261	331	218	276	121	1,069
July	Percent	125	141	145	137	182	148	142	94
1971	Average	962	297	569	153	55	64	22	370
August	Percent	113	124	120	94	203	108	80	85
1971	Average	487	251	394	103	23	16	4	89
September	Percent	110	123	114	119	0	63	25	78
1971	Average	400	247	362	85	19	12	2	36
1970-71	Percent	119	136	130	133	126	110	106	89
Water Year	Average	23,229	7,950	17,072	4,286	2,266	2,570	704	5,453

The percent values are preliminary, subject to revision.

Average unimpaired runoff in thousands of acre-feet computed from the 50-year period October 1920 through September 1970.

⁽a) Figures were computed from summations of unimpaired runoff at foothill stations on major tributaries only and do not include runoff from minor tributaries and from the valley floor.

TABLE B-3

SUMMARY OF WATER SUPPLY AND UTILIZATION SACRAMENTO-SAN JOAQUIN DELTA

This table presents in thousands of acre-feet the correlation of water supply and use for the Sacramento-San Joaquin Delta Service Area.

The Delta Service Area is a natural hydrographic subdivision which is comprised of two subareas. One is the Delta Lowlands which are those lands within a boundary located approximately at the 5-foot contour; the Delta Uplands are those lands outside the Delta Lowlands boundary which are served by water from the lowland channels.

The water supply available to the Delta Service Area is the sum of the measured inflow and the precipitation. The measured inflow is determined from 14 gaging stations listed in the table. The precipitation is determined by the Thiessen Balance Method for stations located at Davis, Galt, Rio Vista, Lodi, Brentwood, Stockton, and Tracy S. P. "Water Utilization" in the same table includes agricultural use, evaporation, exports through the California Aqueduct, Delta-Mendota and Contra Costa Canals, and diversion for the City of Vallejo. Agricultural use in the uplands is the average measured diversions for the 10-year period October 1960 through September 1970. Agricultural use in the lowlands is computed by unit values of consumptive use of the various crops, multiplied by the acreages. Unit values of consumptive use were derived from experimental work by the University of California and California Extension Service as reported in Bulletin No. 27, 'Variations and Control of Salinity in Sacramento-San Joaquin Delta and Upper San Francisco Bays". Crop acreage values used in this table were determined from a survey made in 1960 and 1961.

TABLE B-3

SUMMARY OF MONTHLY WATER SUPPLY AND UTILIZATION SACRAMENTO-SAN JOAQUIN DELTA (1n Thousanda of Acre-Feet)

Item	Record on Page		1970					,	1971					Water Year
Augui	No.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	Total
	:													
WATER SUPPLY														
Measured Inflow			E											
Sacramento River at Sacramento	90	938	1,340	3,933	3,217	1,733	1,874	2,277	1,795	1,639	1,290	1,381	1,452	22,86
Sacramento Weir Spill to Yolo Bypass	88	0	0	3	1	0	0	0	0	0	0	0	0	
Yolo Bypasa near Woodland	98	1	12	665	393	30	50	37	34	10	0	0	2	1,2
South Fork Putah Creek near Davis	97	1	1	7	13	16	28	13	2	1	1	0	0	
Morrison Creek near Sacramento	112	0	3	4	1	0	1	0	0	0	0	0	0	
Cosumnes River at McConnell	111	0	20	91	46	26	59	54	40	15	2	0	0	35
Dry Creek near Galt	109	0	3	27	12	3	11	4	1	0	0	0	0	
Mokelumne River at Woodbridge	107	26	23	60	46	46	30	16	12	19	22	3	30	33
Bear Creek near Lodi	106	0	2	7	1	0	1	0	0	0	0	0	0	
Calaveras River near Stockton	103	0	0	1	1	0	1	0	1	1	1	1	1	
Stockton Diverting Canal at Stockton	105	0	4	38	22	0	3	0	0	0	0	1	2	
French Camp Slough near French Camp	102	3	5	24	5	1	3	3	2	3	2	2	6	
San Joaquin River near Vernalis	99	90	98	310	320	244	159	117	113	138	66	55	65	1,7
Marsh Creek near Byron	116	0	0	2	1	0	0	0	0	0	0	0	0	
Precipitation		31	309	228	47	20	87	39	57	0	0	0	2	8
TOTAL WATER SUPPLY		1,090	1,820	5,400	4,126	2,119	2,307	2,560	2,057	1,826	1,384	1,443	1,560	33,0
WATER UTILIZATION														
Consumptive Use in Delta Lowlands		97	58	32	36	53	79	118	137	182	214	203	146	1,3
Exportations													-	
Delta-Mendota Canal	113	126	28	0	1	128	234	198	222	264	281	269	165	1,9
Contra Costa Canal	114	7	5	4	4	4	4	5	6	8	10	11	8	
City of Vallejo	130	1	1	1	1	1	1	1	1	2	2	2	1	
California Aqueduct	130	26	88	113	112	42	51	60	45	68	102	123	51	8
Delta Uplands Diversions* *Measurement of Delta Uplands diversions was discontinued in 1970. Quantities shown are the 10-year average from 1961 through 1970.		23	4	3	1	1	12	34	60	69	80	74	47	41
TOTAL WATER UTILIZATION		280	184	153	155	229	381	416	471	593	689	682	418	4,6

TABLE B-4

GAGING STATION ADDITIONS AND DISCONTINUATIONS

Additional Stations

None

<u>Discontinued Stations</u>

Dry Creek near Ione	9-30-1970
Duck Creek near Stockton	11-12-1970
South San Joaquin Irrigation District Drain 11 near Manteca	11-5-1970
South San Joaquin Irrigation District Main Drain near French Camp	11-12-1970

Publication Discontinued

None

Published Data from Prior Years

None

TABLE B-5 DAILY MEAN DISCHARGE

The streamflow table for each stream or stream system is arranged in downstream order. Stations on a tributary entering between two main stem stations are listed between those stations, and in downstream order on that tributary. A stream gaging station is named after the stream and the nearest post office (Feather River at Yuba City) or well-known landmark (San Joaquin River at Brandt Bridge).

The discharge estimated for periods of no record or invalid record are shown with the letter "E". Also qualified by the letter "E" are discharges obtained from extended ratings which exceed 140 percent of the highest measured flow-rate on which the rating curve was based.

The discharge figures in this table have been rounded off as follows:

Daily Flows - Second-Feet

0.0	- 9.9	nearest	Tenth
10	- 999	11	Unit
1,000	- 9,999	11	Ten
10,000	- 99,999	11	Hundred
100,000	- 999,999	11	Thousand

Monthly Means - Second-Feet

0.0	- 99.9	nearest	Tenth
100	- 9,999	11	Unit
10,000	- 99,999	11	Ten
100,000	- 999,999	11	Hundred

Yearly Totals - Acre-Feet

0.0	-	9,999	nearest	Unit
10,000	-	99,999	11	Ten
100,000	-	999 ,9 99	11	Hundred
1,000,000	_	9,999,999	f1	Thousand

The streamflow data received from cooperating agencies do not necessarily adhere to the above criteria.

Daily flow data computed by machines is rounded as listed above. Monthly means, monthly acre-feet, and yearly totals are not rounded in these cases.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A13060	LASSEN CREEK NEAR WILLOW RANCH

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.7	2.1	9.6	4.4	24	12	66	50	76	25	7.4	3.6	1
2	0.8*	2.1	8.9	4.8	23	10	66	56	73	24	6.7	3.6	2
3	1.0	2.1	7.7	8.6	20	12	67	61	68	22	6.7	3.6	3
4	1.0	2.1*	9.3	28	19	12	68	69	64	21	6.7	3.5	4
5	1.1	5.9	17	13 •	19	10	74	76	61	50	6.4	3.2	5
	1.1	4.9	37	6.7	18	10	84 •	83	62	18	6.4	3.1	6
6	1.1	3.7	32	6.2	17	11	85	76	66	17	6.4	3.9	7
7	1.2	4.4	27 .	5.8	17	11	85	83	73	18	6.1	3.4	1
B	1.2	34	21	7.1	15 •	11	84	90	78	17	6.2	3.1	,
10	1.2	13	14	18	20	ii	80	96	77	18	6.4	2.9	10
	1.3	11	15	10	21	11	76	103	68	16	5.8	2.8	
11	1.2	14	ii	6.9	19	io	74	109	64	15	5.7	2.8	11
12	1.2	6.7	ii	8.7	16	17	70	110	59	14	5.4	2.6	12
13	1.2	5.3	11	5.8	21	15	67	94	54	13	5.4	2.4	13
14	1.2	4,6	8.4	4.1	21	14	65	85	51	12	5.3	2.6 2.4 2.2	14
15	102	4.0	0,4	7		1							15
16	1.3	4+1	6.7	13	20	13	63	78	47	12	5.1	5.5	16
17	1.4	3.7	9.5	101	19	17	58	71	44	11	4.70	2.1	17
18	1.7	3.4	9.1	207	18	17	57	65	41	11	4.2	2.1	18
19	1.7	3.1	13	119	17	16	56	60	39	11	4.1	2.1	19
20	1.8	3.3	29	92	16	16	54	57	35	9.9	3.9	5.5	20
21	2.0	3.1	22	65	17	28	52	54	32	9.7	3.9	2.2	21
22	2.3	4.9	16	53	15	43	50	50	29	9.0	4.0	2.2	22
23	2,7	11	9.0	46	15	156	47	47	27	8,3	4.0	2.1	22
24	2.6	20	6,6	41	15	121	45	47	24	8.2	3.8	2.1	24
25	2.0	21	18	36	14	98	42	47	31	7.7	3.7	2.1	25
	1.9	16	25	33	15	143	39	51	48	7.7	3.5	3.7	26
26	1.8	11	16	31	14	94	37	56	37	7.7	3.5	4.4	27
27	2.2	ii	8.5	29	13	79	38	52	31	7.7	3.4	4.0	28
28	2.3	15	6.3	27		78	41	83	28 •	7.7	3.4	5.1	29
29	2.2	11	5.0	25		78	45	78	26	7.4	3.4	5.5	30
30	2.2	**	4.5	24		70	10	83		7.4	3.7		31
-		9.4	14.3	34.8	17.8	40.1	61.2	71.6	50.4	13.3	5.0	3.0	MEAN
MEAN	1.6	8.6	14.3	207		156	85.0	110	78.0	25.0	7.4	5.5	MAX
MAX.	2.7	34.0	37.0		24.0		37.0	47.0	24.0	7.4	3.4	2.1	MIN.
MIN.	0.7	2.1	4.5	4.1	13.0	10.0	3640	4403	3001	820	308	180	AC.FT

E — ESTIMATED

NR — NO RECORD

- DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

	WATER	YEAR	SUMMARY
AVIMILA		$\overline{}$	

MEAN		MAXIM	U.M.		MINIM	UM	
DISCHARGE 26.8	DISCHARGE 232	5.19		0200	GAGE HT. 1.68		

TOTAL ACRE PRET 19438

	LOCATION	1	MA	AXIMUM DISCHA	RGE	PERIOD C	DATUM OF GAGE				
		1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		OD ZERO		
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
41 53 02	120 20 27	SE27 47N 14E	392	7.64	1/23/70	JUN 61-DATE	JUN 61-DATE	1961		0.00	LOCAL

Station located at U. S. Highway 395 culvert, approximately 2 mi. SE of Willow Ranch. Tributary to Goose Lake. Stage-discharge relationship affected by ice at times. Small amount of diversion above station. Drainage area is 25.7 sq. mi.

AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME A14100 PINE CREEK NEAR ALTURAS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10 *	11	15	12	17	13	16	32	205	77	34	23	1
2	9.9	ii	16	12	17	13	16	33	246	70	31	23	2
3	9.8	11	16	12	16	13	16	44	118	65	30	23	3
4 1	9.8	11	17	12	17	13	17	97	91	63	29	22	4
5	9.8	14 +	70	12	17	13	17	55	87	60	28	22	5
	9.9	13	94	12	16	14	18	47	85	57	28	24	
7	10	12	37	12	15	14	18 *	46	84	55	27	24	7
	10	12	33	12	15	13	18	56	86	53	27	22	8
9	10	19	28 +	12	15 +	13	18	63	90 *	51	27	22	9
10	10	16	17	12	15	13 *	19	58	106	49	26	22	10
11	10	15	17	12 12	15	13	19	61	107	48	27	22 22	11
.12	10	21	12	12	15	25	18	66 *	108	47	26	22	12
13	10	13	18	12	15	32	18	70 70	108	46	26	22	13
14	10	13	16	12	15	26	20	76	106 107	44 43	25 25	22	14
15	10	12	13	12	15	21	21	10	107	43			15
16	10	12	13	12	15	23	21	75	108	42	25	22	16
17	10	12	13	23	15	23	23	70	108	41	25	21	17
18	11	11	13	47	15	19	30	71	108 *	47	25 *	22 22	18
19	11	11	13	26	14 16	29 45	32 27	7 0 66	103	46 45	24 23	22	19
20	11	11	13	21	10	•5	۷	00	"'	45	23	22	20
21	11	12	13	17	16	31	41	60	93	41	23	22	21
22	12	13	14	18	15	22	35	56	93	39	23	22	22
23	12	20	14	16	15	36	27	60	93 89	38	23	22 22	23
24	12	25	14	15	14	30	37	62		38	23	22	24
25	11	25	14	15	14	22	41	65	92	36	23		25
26	11	25	15	15	13	53	31	65	122	36	23	25	26
27	9.6	17	15	15	13	30	26	72	109	35	23	24	27
28	12	15	15	16	13	23	27	96	128	34	23	23	28
29	11	15	15	17		18	28	167	104	33	22 22 22	24	29
30	11	15	15 13	17		18	31	161	87 *	32	55	24	30
31	11		`13	17		17		163		34	22		31
MEAN	10.5	14.8	20.7	15.7	15.1	22.2	24.2	72.7	108	46.6	25.4	22.5	MEAN
MAX.	12.0	25.0	94.0	47.0	17.0	53.0	41.0	167	246	77.0	34.0	25.0	MAX.
MIN.	9.6	11.0	12.0	12.0	13.0	13.0	16.0	32.0	84.0	32.0	22.0	21.0	MIN.
AC. FT.	646	879	1271	966	839	1365	1440	4469	6482	2866	1563	1341	AC.FT

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

-- E AND *

WATER	YFAR	SUMMARY

			W	ATE	R YEA	R	SUMMARY				
MEAN		MAXIMU	M					MINIM			
DISCHARGE	DISCHARGE							GAGE HT.			
33.3	435	3.37	06	02	1600	П	4.8	0.77	10	27	0500

TOTAL ACRE MET 24127

	LGCATION	1	MA	XIMUM DISCHA	ARGE	PERIOD C	F RECORD	DATUM OF GAGE			
		1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
41 25 59	120 26 32	SW35 42N 13E	435	3.37	6/2/71	NOV 57-DATE	NOV 47-DATE	1957		0.00	LOCAL

Station located approximately 0.3 mi. N of Pinc Creek Boulevard, 6.1 mi. SE of Alturas. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Station discontinued in October 1963, reinstalled April 16, 1964, at a site approximately 2,000 feet acknowners. Flow affected by Pine Creek Reservoir. Drainage area is 23.9 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A18350 ASH CREEK AT ADIN

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	21	31	71	69	179	65	417	239	356	59	23	28	1
2	21 *	34	77	56	169	61	375	247	369	46	23	28	2
3	22	28	83	40	134	71	346	353	355	34	22	23	3
4	21	28	94	37	131	84	329	599	249	34	24	20	A
5	21	41 *	178	38	134	82	323	375	181	35	33	20	5
6	21	52	502	42 #	143	79	327	334	148	36	24	25	
7	21	50	551	49	121	85	331 *	316	131	34	24	24	7
	22	40	462	51	115	86	306	363	119	33	24	19	
;	23	154	336 *	56	112	92	297	370	112 *	32	25	18	
10	23	102	150	64	131 *	93	334	302	118	30	24	16	10
11	22	103	131	68	139	107 *	295	273	96	29	24	16	111
12	22	230	99	69	143	345	261	257 *	89	28	24	17	12
13	22	63	85	66	145	537	245	227	81	28	23	18	13
14	22	45	80	64	137	349	235	198	77	27	21	18	14
15	55	39	76	62	153	295	216	181	71	27	17	21	15
16	55	36	77	102	128	339	200	167	64	26	21	23	16
17	27	34	78	503	128	304	285	153	60	26	21	23	17
18	31	34	70	1.810	116	228	300	147	53 +	31	21 +	24	18
19	30	33	56	1,320	113	265	265	130	51	31	21	25	19
20	34	33	64	978	104	317	257	113	49	29	18	26	* 20
21	35	33	71	526	102	383	305	113	45	28	19	26	21
22	39	44	65	355	107	370	281	107	44	26	21	27	22
23	37	64	62	293	105	876	238	97	39	26	22	27	23
24	36	108	53	217	101	939	208	90	39	25	22	27	24
25	30	449	44	189	85	962	241	90	42	24	21	33	25
26	32	168	40	186	74	1,620	338	89	87	23	21	37	26
27	32	86	61	185	77	1,220 #	315	97	91	23	23	34	# 27
28	34	71	60	173	72	824	281	109	131	23	24	32	28
29	36	83	57	166		645	262	113	87	27	24	39	29
30	31	84	58	173		576	256	122	66 *	24	25	49	30
31	35		64	173		483		163		23	27		31
MEAN	27.3	80.0	127	263	121	412	289	210	116	29.9	22.8	25.4	
MAX.	39.0	449	551	1,810	179	1,620	417	599	369	59.0	33.0	49.0	MAX.
MIN.	21.0	28.0	40.0	37.0	72.0	61.0	200	89.0	39.0	23.0	17.0	16.0	MIN.
AC. FT.	1680	4760	7845	16225	6740	25353	17195	12960	6942	1839	1400	1513	AC.FT.

E - ESTIMATED

NR - NO RECORD

" — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

WATER	YEAR	SUMMARY

		MAXIMI	JM		MINIM		
. 3	DISCHARGE 2280	13.30			6AGE HT.		

TOTAL ACRE PEET 104452

	LOCATIO	LOCATION MAXI			ARGE	PERIOD C	PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE LONGITUDE		1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE	M.D.8.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
41 11 54	120 56 30	SW21 39N 9E	2950	14.69	1/24/70	MAR 37-SEP 57 8 SEP 57-DATE	MAR 37-SEP 57 Ö SEP 57-DATE	1951		0.00	LOCAL	

Station located 300 feet above State Highway 299 bridge. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Flow affected by upstream diversion. Drainage area is 258 sq. mi.

ö - Irrigation season only.

AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A15150	BURNEY CREEK NEAR BURNEY	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	12	15	106	61	92	58	253	211	198	73	23	18	1
2	13 *	15	144	51	91	53	249	214	160	64	23	16	2
2	14	15	136	44	88	55	247	318	138	59	21	17	1 5
4	15	22	128	42	84	55	248	366	133	55	20	18	4
5	17	124	113	37	81	49	257	306	132	52	21	18	5
	16	70	126	37	80	46	283 •	265	123	50	20	19	
7	18	55	215	38 •	78	45	281	260	119	48	18	20	7
	19	39	327	37	75	45	269	274	117	47	18	21	1
	18	175	301	37	72	46	283	252	110	45	18	18	,
9	19	96	179 *	80	70	46	374	240	103 *	44	19	18	10
11	21	73	129	88	76 .	61	288	240	98	44	19	20	11
12	22	103	102	59	86	307 *	255	253	93	43	17	21	12
13	20	56 *	87	56	97	288	262	260	91	42	17	19	13
	15	38	75	50	99	207	258	232	85	39	16	17	
14 15	19	29	86	102	117	154	269	207	78	36	16	17	14
16	17	23	118	217	117	133	276	189	75	33	17	18	16
17	16	18	91	282	104	128	294	165	72	32	18	18	17
18	23	17	78	361	94	110	234	147	75	33	17 4	18	18
	27	18	65	351	95	106	216	137	71	33	17	18	
19	51	17	62	335	81	105	234	137	68	32	18	17 •	19
20	31	- 1						-				_	20
21	60	17	62	276	76	109	205	134	67	31	18	17	21
22	86	25	60	207	74	123	182	131	61	29	19	17	22
23	72	25	57	176	70	362	171	134	58	27	20	16	23
24	52	48	51	155	67	466	162	137	51	27	20	16	24
25	26	204	42	140	63	443	157	142	53	27	20	18	25
26	19	144	46	130	59	911 *	164	213	106	26	19	25	26
27	16	137	45	121	61	586	172	189	201	25	20	27	27
28	15	170	52	113	60	412	179	219	147	25	19	27	28
29	15	133	84	106		337	196	167	97	23	19	47	29
30	14	128	68	101		328	211	196	80 *	21	19	57	30
31	14		62	97		273		192		55	20		31
MEAN	25.2	68.3	106	128	82.4	208	237	210	102	38.3	18.9	21.1	MEAN
MAX.	86.0	204	327	361	117	911	374	366	201	73.0	23.0	57.0	MAX.
MIN.	12.0	15.0	42.0	37.0	59.0	45.0	157	131	51.0	21.0	16.0	16.0	MIN.
AC. FT.	1549	4064	6540	7908	4576	12787	14140	12946	6069	2354	1162	1256	AC.FT.

E -- ESTIMATED
NR -- NO RECORD
-- DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

-- E AND *

WATED	VEAD	SUMMARY
WAILK	TEAR	SUMMART

MEAN		MAXIMU	I M			MINIMI	JM	
DISCHARGE 104.1	DISCHARGE 1190			 11ME 0300	DISCHARGE 12.0	6.13		TIME

TOTAL ACRE PEET 75352

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD O	DATUM OF GAGE				
LATITUDE LONGITUDE		1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
40 52 18	121 40 58	SW19 35N 3E	4910	15.89	1/23/70	APR 58-DATE	APR 58-DATE	1958		0.00	LOCAL

Station located 300 ft. above county road bridge, 0.8 mi. SW of Burney. Tributary to Pit River. Stage-discharge relationship affected by ice at times. Flow affected by upstream diversion. Drainage area is 87.7 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A03545	COTTONWOOD CREEK, NORTH FORK, NEAR IGO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	3.3	15	473	330	452	122	359	137	81	19	8.0	7.3	
2	3.3*	15	371	281	442	105	369	137	73	18	7.9	8.2	2
3	3.0	36	1.580 *	228	432	105	359	148	67	17	7.9	10	3
4	2.8	100	987	194	401	101	349	142	67	16	7.3	9.7	4
5	2.5	48	565 *	180	381	97	350	141	64	15	7.8	10	5
6	2.5	56	514	169	371	92	350	131	62	14	8.0	10	6
7	2.5	248	1:060	158	340	92	340	118	62 *	14	8.0	11	7
	2.5	84	401	158	314	88	322	126	59	14	7.6	14	
9	2.5	126	330	158	297	88	350	113	59	14	7.4	14	9
10	5.2	122	297	175	289	92	371	105	56	14	7.5	13	10
11	2.2	122	241	187	305	118	314	101	54	13	6.8	13	11
.12	2.2	126 *	200	175	330	636	299	101	52	12	6.1	13	12
13	2.5	113	169	175	330	330	281	97	45	12	7.2	12	13
14	2.8	105	148	175	322	350	241	92	43	16	6.9	13	14
15	2.6	97	524	877	314	297	234	88	36	14	6.4	12	15
16	2.5	88	483	2,270	289	281	228	86	35	13	6.0	13	16
17	2.8	81	350	1,430	264	256	221	81	33	13	5.8	12	17
18	5.5	64	473	1.160	248	221	218	78	30	16	5.4	12	18
19	14	56	314	1,080	234	200	214	78 *	29	18	4.9	12	19
20	14	50	412	978	214	187	214	76	26	17	4.9	12	20
21	39	39	493	840	200	180	200	73	25	15	5.3	6.8	21
22	52	45	297	779	194 *	180	194	70	23	15 *	5.6	5.9	22
23	34	52	248	718	169	187	187	70	22	13	5 • 4	5.4	23
24	30	73	228	626	164	234	180	67	21	12	5.2	4.1	24
25	25	148	200	554	153	1,370	175	67	20 🔅	12	5.3*	4.1	25
26	22	92	180	493	148	1,630	164	73	33	11	5.2	4.6	26
27	19	371	169	483	142	773	153	78	29	10	5.2	4.2	27
28	16	1,460	809	452	137	630	148	109	24	9.0	5.1	4.3	28
29	16	779	677	452		557	139	88	22	8.9	5.2	6.9	29
30	17	858	452	452		455	137	81	20	8.5	5.6	12	30
31	16		371	463		384 *		76		8.1	7.7*		31
EAN	11.7	189	452	543	281	336	255	97.7	42.4	13.6	6.4	9.7	MEA
AAX.	52.0	1,460	1,580	2.270	452	1.630	371	148	81.0	19.0	8.0	14.0	MA
MIN.	2.2	15.0	148	158	137	88.0	137	67.0	20.0	8.1	4.9	4.1	MIN
C. FT.	722	11244	27800	33421	15622	20703	15193	6006	2523	836	394	574	AC.F

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

WATER	YEAR	SUMMARY	

			**	~ 1 _	W 1FW	.,	SUMMANI		
MEAN		MAXIMU	M			1		MINIMU	J M
ISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	۱ſ	DISCHARGE	GAGE HT.	MO.
186.5	3960	35.11	01	16	1500	Ц	2.2	29.55	10

TOTAL ACRE PEET 135040

DAY TIME 10 0415

	LOCATION		MAXIMUM DISCHARGE			PERIOD OF RECORD			DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITODE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
40 26 32	122 32 57	NW21 30N 6W	11000	39.45	12/22/64	NOV 56-DATE	NOV 56-DATE	1956		30.60	LOCAL

Station located at county road bridge, 4.4 mi. S of Igo, 4.4 mi. SE of Ono. Tributary to Sacramento River via Cottonwood Creek. Flow affected by upstream diversion and releases from Rainbow Lake. Drainage area is 88.7 sq. mi.

AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A03595 COTTONWOOD CREEK, SOUTH FORK, NEAR COTTONWOOD

AY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	0.0	0.7	234	223	693	142	449	186	156	56	7.7	0.0	1
2	0.0	0.7	380	265	657	136	379	195	142	51	7.1	0.9	2
	0.0	0.8	1,880	198	554	134	336	199	129	49	6.2	2.1	1 3
3	0.0	3.7	3,680	174	464	134	311	199	124	46	5.6	2.1	1 4
1 2 3 4 5 6 7 8	0.0	55	912 *	167 *	401	129	306	207	120	42	5.3	1.9	5
	0.0*	97	652	150	368	124	324	207	121	40	5.1	1.7	6
•	0.0	44	1 . 400	140	332	122	348	209	128 *	40	4.8	1.3	7
7	0.0	31	2,950	138	301	121	326	256	139	38	4.6	1.1	1 %
	0.0	25	1,560	175	275	118	315	269	138	36	4.3	1.1	9
10	0.0	225	728	351	263	117	428	261	133	34	4.0	0.9	10
11	0.0	85	437	666	332	121	355	274	126	33	3.4	0.6	11
	0.0	108 *	325	526	404	1,210	317	314	121	32	3.1	0.5	12
12	0.0	96	267	398	487	1,230	302	326	118	29	2.9	0.3	13
13	0.0	47	204	308	454	504	337	292	111	27 *	2.6	0.3	14
14 15	0.0	31	258	819	415	370	319 *	266	107	25	2.4	0 • 1	15
16	0.0	21	1,510	5,460	369	307	300	253	104	24	2.3	0 • 1	16
16	0.0	16	776	6,510	317	325	295	218	104	21	1.9	0.1	17
17	0.0	12	810	6,100	272	299	268	199	102	21	1.7	0.0	18
18	0.0	12	512	4,620	247	279	243	187 *	99	20	1.2	0.0	
19		9.0	665	3,400	221	275	230	179	96	19	1.0	0.0	19
20	0.0	7.0	005										20
21	0.0	8.2	617	2,580	201	278	213	172	90	23	0.9	0.0	21
22	0.0	8.2	342	1,910	188 *	275	193	165	81 *	26	0.8	0.0	22
22	0.0	11	260	1.400	176	1.020	190	160	79	20	0.6	0.0	23
24	0.2	17	222	1,040	166	1,430	178	163	75	17	0.6	0.0	24
23 24 25	3.3	251	187	813	162	1,330	169	183	74	14	0.8*	0.0	25
26 27	2.2	434	167	668	154	5,990	164	188	88	13	1.0	0.0	26
20	1.4	407	156	610	150	3,200	160	177	77	12	0.7	0.0	27
28	1.1	2.090	156	601	148	2,040	162	210	74	11	0.5	0.0	28
25	0.9	2,590	377	583	•	1,290	168	190	67	9.5	0.3	0.0	29
29 30	0.8	695	285	598		835	174	186	62	9.3	0.2	0.0	30
31	0.7	0,5	234	664		582 *	•	170	_	8.3	0.0*		31
EAN	0.3	247	746	1,363	327	789	275	214	106	27.3	2.7	0.5	MEA
IAX.	3.3	2,590	3,680	6,510	693	5.990	449	326	156	56.0	7.7	2.1	MAX
NIN.	0.0	0.7	156	138	148	117	160	160	62.0	8,3	0.0	0.0	MIN
C. FT.	21	14740	45903	83812	18190	48530	16381	13210	6317	1678	166	30	AC.FI

- ESTIMATED
R - NO RECORD
S - DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN		MAXIMU	M		MINIM	J M	
DISCHARGE 343.9	DISCHARGE 8070			11ME 0730	GAGE HT. 0 4 9 8		1245

TOTAL ACRE PEET 248978

	LOCATIO	1	МА	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
		1/4 SEC. T. & R.		OF RECORE)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
40 18 58	122 26 52	SE32 29N 5W	14000	12.15	1/23/70	APR 58-DATE	APR 58-DATE	1958	l	0.00	LOCAL

Station located at Bowman Road Bridge, 11 mi. SW of Cottonwood. Tributary to Sacramento River via Cottonwood Creek. Flow affected by upstream diversion. Drainage area is 217 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A03460	RED BANK CREEK NEAR RED BLUFF	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	0.0	0.0	108	55	32	11 •	46	7.5	2.4	0.0	0.0	0.0	1
2	0.0	0.0	107	60	29	10	42	8.0	2.3	0.0	0.0	0.0	2
3	0.0	0.0	1.000	46	26	11	38	8.3	2.1	0.0	0.0	0.0	1 2 1
4	0.0	0.0	829 *	41	26	11	35	8.3	1.9	0.0	0.0	0.0	
5	0.0	0.0	247	38	25	10	32	7.7	1.8	0.0	0.0	0.0	5
6	0.0	0.0	164	35	24	8.9	31	7.1	1.6	0.0	0.0	0.0	6
7	0.0	0.0	170	35 +	23	8.3	31	6.7	1.4*	0.0	0.0	0.0	7
8	0.0	0.0	266	31	22	8.3	35	9.2	1.4	0.0	0.0	0.0	
9	0.0	0.0	170	30	21	8.3	28	8.1	1.3	0.0	0.0	0.0	9
10	0.0	0.0	125	30	21	8.3	26	6.7	1.3	0.0	0.0	0.0	10
111	0.0	0.0	100	29	20	8.7*	23	6.1	1.3	0.0	0.0	0.0	11
12	0.0	0.0	83	28	20	110	51	5.7	1.2	0.0	0.0	0.0	12
13	0.0	0.0	78	27	20	48	19	5.2	1.2	0.0	0.0	0.0	13
14	0.0	0.0	71	26	20 19	32	18	4.8	1.2	0.0	0.0	0.0	14
15	0.0	0.0	120	254	19	29	16	4.7	1.1	0.0	0.0	0.0	15
16	0.0	0.0	153	959	19	22	14	4.1	0.9	0.0	0.0	0.0	16
17	0.0	0.0	105	393	18	18	13	3.9	0.8	0.0	0.0	0.0	17
18	0.0	0.0	216	207	17	14	12	3.8	0.6	0.0	0.0	0.0	18
19	0.0	0.0	125	146	16	13	11	3.8*	0 • 4	0.0	0.0	0.0	19
20	0.0	0.0	171	104	15	12	12	3.4	0 • 1	0.0	0.0	0.0	20
21	0.0	0.0	160	79	15	10	11	3.3	0.0	0.0	0.0	0.0	21
22	0.0	0.0	106	68	15	9.8	10	3.2	0.0	0.0	0.0	0.0	22
23	0.0	0.0	86	61	14	13	9.9	3.1	0.0	0.0	0.0	0.0	23
24	0.0	0.0	74	55	14	14	9.1	2.9	0.0	0.0	0.0	0.0	24
25	0.0	0.0	65	49	12	224	8.5	2.9	0.0	0.0	0.0	0.0	25
26	0.0	0.0	59	45	12	467	8.3	2.8	0.0	0.0	0.0	0.0	26
27	0.0	58	53	42	12	137	8.3	2.9	0.0	0.0	0.0	0.0	27
28	0.0	472	60	38	12	87	8.0	3.2	0.0	0.0	0.0	0.0	28
29	0.0	738	105	36		69	7.8	3.1	0.0	0.0	0.0	0.0	29
30	0.0	219 *	67	34		59	7.6	2.7	0.0	0.0	0.0	0.0	30
31	0.0		57	33		51		2.5		0.0	0.0		31
MEAN	0.0	49.6	171	100	19.3	49.8	19.7	5.0	0.9	0.0	0.0	0.0	MEAN
MAX.	0.0	738	1.000	959	32.0	467	46.0	9.2	2.4	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	53.0	26.0	12.0	8.3	7.6	2.5	0.0	0.0	0.0	0.0	MIN.
AC. FT.		2949	10512	6171	1069	3060	1173	309	52				AC.FT

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER	YEAR	SUMMARY

MEAN		MAXIMI	J M		
34.9	DISCHARGE 2610	7.66		11ME 0015	DISCHARG 0 •

	MINIM			
DISCHARGE 0 • 0	GAGE HT.			TIME
		1		

	TOTAL
	ACRE FEET
1	25295
1	

	LOCATION	1	M.	AXIMUM DISCHA	ARGE	PERIOD 0	F RECORD	DATUM OF GAGE			
	LONGITUDE	ONCITUDE 1/4 SEC. T. & R. OF RECORD			DISCHARGE	DISCHARGE GAGE HEIGHT		PERIOD		REF.	
LATITUDE LO	LONGITUDE	M.D.B.&M.	CFS	GAGE NT.	DATE	DISCHARGE	ONLY	FROM	то	ON GAGE	DATUM
40 05 25	122 24 45	SE22 26N 5W	9729	10.06	1/5/65	FEB 48-JUL 49 8 MAY 50-MAY 56	FEB 48-JUL 49 8 MAY 50-MAY 56	1956		i _{0.00}	LOCAL

Station located at Briggs Road bridge, 11 mi. SW of Red Bluff. Flow affected by upstream diversion. Drainage area is 93.5 sq. mi.

ö - Irrigation season only.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME A02700 SACRAMENTO RIVER AT VINA BRIDGE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.880	7.400	39.000	20.700	24.400	9,610	18,800	15.300	17.300	14.100	13,900	13.200	
2	7.820	7.460	41.700	21.400	24,300	9,330	20,300	15.400	17.000	13.900	14.300	12.700	2
3	7.630	7.350	43,500	19.700	24.000	9,240	21.700	15,500	16,200	13,800	14.000	11,800	1 1
4	7,580	7.590	91,800	18,800	23,600	9,240	21,200	16,200	15,900	13,700	13,600	10,800	4
5	7,600	8,350		18,500	22,700	9,200	21.000	17.300	15,800	13,600	13,900	10,800	5
11													
	7.600	10.100	53,500	18,400	21.000	9,120	21,900	18,200	15,600	13,500	13.500	10,800	6
7	7,610 .	12,400	50,900	17,700	19,500	9,120	21,600	18.800	15,400	13,400	13,300	10,700	7
	7.600	9.140	67,000	17,400	19,200	8,910	19.700	20.100	15,300 *	13,400	13,200	10,700	B
9	7,670	12,100	71,400	16,900	19,000	8,890	18,800	20.800	15.700	13,300	13.100	10,700	9
10	7,610	19,500 *	53,800	15,300	19,000 *	8,390	19,900	20.900	15,700	13,400	13,100 .	10,800	10
													1 1
11	7.610	10,100	44 + 600	18,900	18.700	8,130	20.600	20.600 *	15.500	13.400	13:000	10.700	111
.12	7.600	10.700	38.200	17.900	17.600	12,600	21,200	20.800	15.500	13,300	13,100	10,700	12
13	7,520	9,280	32.200	15,900	17,100	27,100	21,600 *	21.000	15,400	13,300 *	4-10-0	10,700	13
14	7,440	8,970	28,400	15,500	15,800	14,100	21.700	21.400	15,300	13,200	13,100	10,600	14
15	7,380	9,000	27.000	15,900	15,300	13,400	21,500	21,500	15,100	13,200	13,000	10,600	15
H			1										1 1
16	7,170	9,990	34,000	66.100	15.100	12,000	20,600	21.000	15,200	13,200	13,000	10,600	16
17	7,170	13,100	37,500	87,400	14,800	11,600	19.000	20.700	15,100	13,100	13,000	10,500	17
18	7,230	14,000	33,700	55.100	14.100	10,900	18,800	20.500	15.100	13,100	13,100	10,500	18
19	7,290	14,800	31,400	51,400	12.700	10,300	18,400	20,000	14,900	13,100	13,000	10,600	19
20	7,580	14,900	26,900	45.300	11+800	9,970	18,600	19:400	14,800	13,000	13.000	10.600	20
21	7,840	14,900		40.600	11:400	9,850	18,300	19.600	14,800	12,900	13,100	10,600	21
22	7,850	15,000	29.000	37.600	11,200	9,760	17,300	17,900	14,800	12,900	13,100	10,600	22
23	7,930	15,100	24,000	35,700	10,400	11,500	16,900	16.900	14,900	12,900	13,400	10,600 4	23
24	8,230	15,400	22,600	34,300	10,400	18,500	16,300	17,000	14,800	13,000	13,100	10,600	24
25	7,870	20,700	20,500	33,300 *	10.600	18,300	15,500	17.100	14,600	13,000	13,100	10,700	25
				_		_							
26	7,620	21,900	19,700	32,500	10.200	58,000	15,400	17.200	14,900	12,900	12,900	10.700	26
27	7,550	18,400	19,500	31,300	10,100	38,600	15,300	17,500	15,900	12,900	12.800	10,700	27
28	7,530	64,800	19,400	25,500	10.100	24,000	15,100	18.000	15,200	13,000	12,900	10,800	28
29	7,480	82,000	28,200	24,600		19,400	14,800	17,800	14,700	13,400	13,100	10,700	29
30	7,510	48,300	24.900	24.400		18,400	15,300	17.200	14,500	13.500	13.000	10,900	30
31	7,450		22:000	24,400		19,900		17.100	1	14.000	13.100		31
MEAN	7.595	17.757	38,100	29.625	16,217	15.076	18,903	18,667	15,363	13,303	13,219	10,866	MEAN
MAX.									17.300				MAX.
MAX.	8,230	82.000	91.800	87.400	24,400	58,000	21,900	21.500	14,500	14,100	14,300	13,200	MIN.
	7,170	7,350	19,400	15,300	10.100	8,130 926995		15,300	914181	817983			AC.FT.
AC. FT.	467008	1056654	2342676	1821619	900694	720775	1124826	1147834	1 214191	01/703	812826	646611	

E - ESTIMATED

NR - NO RECORD

- DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

WATER YEAR SUMMARY

MEAN		MAXIMU	I M			
	DISCHARGE					
17928.9	109000	86.03	12	04	1730	6480

MINIMUM GAGE HT. MO. DAY 0.0 66.63 10 16 1315

TOTAL ACRE FEET 12979907

	LOCATION	1	MA	KIMUM DISCH	ARGE	PERIOD 0	F RECORD	DATUM OF GAGE			
	ATITUDE LONGITUDE 1/4 SEC. T. & R.		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	OHLY	FROM	то	GAGE	DATUM
39 54 34	122 05 31	NE28 24n 2W	171000	91.48	1/24/70	APR 45-DATE	APR 45-DATE	1945 1945		100.00 97.15	USED USCGS

Station located 250 ft. above Vina-Corning Highway Bridge, 2.6 mi. SW of Vina. The maximum discharge of record is for the main river channel and does not include water by-passing the station on the left bank. Flow regulated by Shasta Lake since December 30, 1943. Approximately 190,000 acre-feet diverted from the river between Keswick and Vina in addition to diversions from the tributaries. Transbasin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 10,930 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME
1971 A02630 SACRAMENTO RIVER AT HAMILTON CITY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7,370	6.960	36,100	21,300	25,500	9,490	18,200	12,600	15,900	12,200	11,500	11,800	1
2	7,380	7.010	36,300	21,800	25,400	9,380	18,800	12,600	16,100	11,800	12,000	11,600	2
3	7,170	6,950	38,600	20,400	25,000	9,280	20,700	12,900	15,200	11,800	11,800	10,800	3
4	7,140	7.110	75,300	19,400	24,500	9,170	20,200	13,500	15,000	11,700	11,300	9,760	4
5	7,210	7.610	73,000	19,000	23,700	9,060	19,800	14,700	14,800	11.500	11,600	9,640	5
	7,280	9,240	50,700	18,900	22,000	8,960	20,000	15,900	14,700	11,400	11,200	9,690	6
7	7,230 *	11.400	46,500	18,200	20,300	8,960	20,000	16,400	14,300	11,300	10,900	9,550	7
	7,280	9,260	59,000	17,900	19,800	8,850	18,600	17,600	14,200 *	11,200	11,000	9,610	
9	7.290	9.570	68,600	17+400	19:400	8,790	17.100	18,400	14,500	11,200	10,900	9,630	
10	7,260	20,300 *	51,900	15,800	19,300 *	8,430	17,600	18,900	14,400	11,200	10,900 *	9,750	10
- 11	7,260	10,300	43,100	18,700	18,700	8,110	18,300	18,500 4	14,300	11,100	10,800	9,840	11
12	7,260	10,400	37,000	18,400	17,800	9,530	18,900	18,700	14,200	11,100	10,800	9,790	12
13	7,190	9,330	31.700	16,600	16,900	27,300	18,800 *	18,800	14,100	11,000 *	10,800	9,830	13
14	7,060	8,700	27,900	15,900	15,800	14,900	18,800	19,200	13,900	11,000	10,900	9,930	14
15	7,060	8,520	26,500	15,900	15,400	13,300	18,400	19,400	13,700	10,900	10,900	9,890	15
16	6,850	9,250	31,900	51,900	15,100	12,000	17,900	19,000	13,800	11,000	10,800	9,950	16
17	6.750	12,200	35,300	94,900	14,800	11,400	16,000	18,700	13,600	10,900	10,800	9,990	17
18	6.830	13,300	32,800	59,000	13,800	10,800	15,700	18,300	13,500	10,900	11,000	9,930	18
19	6.870	14,200	31,500	52,300	12,000	10.100	15,300	17,800	13,300	10,800	11,000	10,000	19
20	7,100	14,400	27,400	46,700	11,300	9,650	15,600	17,400	13,100	10,700	11,000	10,100	20
21	7,340	14,400	37.100	42,000	11,100	9,390	15,500	17,400	13,100	10,600	11,100	10,200	21
22	7.400	14.400	30,800 .	38,800	9,810	9,220	14,500	16,100	13,100	10,600	11,100	10,300	22
23	7,480	14,600	24,800	36,900	10,800	10,100	14,100	14,800	13,000	10,500	11,400	10,300	* 23
24	7,690	14,700	23,100	35,600	10,100	16,900	13,600	14,800	13,000	10,600	11,300	10,300	24
25	7,550	18,900	21,300	34,600	9,970	16,300	12,800	15,000	12,800	10,600	11,200	10,400	25
26	7,260	21,300	20,200	33,800	9,920	49,000	12,700	15.000	12,700	10,600	11,200	10,400	26
27	7,170	18,000	20,100	32,700	9,710	41,700	12,600	15,500	13,800	10.500	11,200	10,500	27
28	7,150	49,600	19,900	27,900 *	9,600	24,300	12,400	16,100	13,500	10,600	11,300	10,500	28
29	7.100	80.700	26,400	26,100		19,400	11,900	16,200	12,700	11,000	11,600	10,500	29
30	7,070	53,000	25,900	25,800		17,500	12,500	15,700	12,500	11,100	11,700	10,600	30
31	7,060		22,600	25,600		19,300		15,600		11,600	11,800		31
MEAN	7,197	16,853	36,558	30,329	16,339	14,534	16,576	16,500	13,893	11,064	11,187	10,169	MEAN
MAX.	7,690	80,700	75,300	94,900	25,500	49,000	20,700	19,400	16,100	12,200	12,000	11,800	MAX
MIN.	6,750	6,950	19,900	15,800	9.600	8,110	11,900	12,600	12,500	10,500	10,800	9,550	MIN.
AC. FT.	442532	1002862	2247867	1864858	907457	893692	986380	1014545	826710	680330	687867	605117	AC.FT.

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.

= - E AND *

			WATE	R YEAR	SUMMARY
MEAN		MAXIMI			
DISCHARGE	DISCHARGE	GAGE HT.	MO. DAY	TIME	DISCHARGE
14794.7	102000	AE OE	01 17	1200	6460.0

MINIMUM

DISCHARGE GAGE HT. MO. DAY TIME
6460.0 28.12 10 16 1730

TOTAL ACRE PRET 12160218

	LOCATION	1	MAXIMUM DISCHARGE			PERIOD C	F RECORD	DATUM OF GAGE				
	LOUGITUDE	1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE		
39 45 07	121 59 43	NE20 22N 1W	156000	50.77	1/24/70	APR 45-DATE	27-date	1927 1945 1945	1945	127.9 100.0 96.5	USED USED USCGS	

Station located at Gianella Bridge, State Highway 32, 1.0 mi. NE of Hamilton City. The maximum discharges of record since February 1940, are for the main river channel and do not include water by-passing the station on the left bank. Flow regulated by Shasta Lake since December 30, 1943. Approximately 950,000 acre-feet diverted from the river between Keswick and Hamilton City in addition to diversions from the tributaries. Transbasin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 11,060 sq. mi.

TABLE B-5 (CONT.) DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A04242	MUD CREEK NEAR CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.0 * 0.0 0.0	0.0 0.0 0.0 1.4 13	147 306 * 403 1090 374	62 116 48 35 28	19 18 17 16	6.7 6.4 6.5 6.2	57 46 40 34 30	6.5 6.6 6.2 7.0 6.5	2.4 3.0 2.9 1.6 1.6	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 * 0.0 0.0	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0	9.0 6.3 2.2 71 * 24	187 157 219 147 85	23 20 19 18 19	15 14 13 13	5.7 5.6 5.4 *	25 23 21 19 19	5.9 5.3 5.4 5.2 4.5	1.2 1.0 0.9 0.6 0.6 *	0.0 0.0 * 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	6 7 8 9 10
11 12 13 14 15	0.0 0.0 0.0 * 0.0	8.2 9.0 4.9 3.1 2.3	58 42 33 25 29	35 * 32 * 40 38 82	12 11 11 11 11	5.1 19 21 14 13	17 16 15 14 13 *	4.1 3.9 * 3.7 3.3 3.1	6.0 1.5 2.0 1.1 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	11 12 13 14 15
16 17 18 19 20	0.0 0.0 0.0 0.0	1.6 1.2 1.0 0.8 0.7	94 * 62 103 63 271	731 321 192 147 117	10 10 * 9.7 11 9.8	12 12 11 10 9.4	12 * 12 11 11 11	2.6 2.5 2.4 2.3 2.4	0.0 0.0 0.0 0.0	0.0 * 0.0 0.0 0.0 0.0	0.0 * 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	16 17 18 19 20
21 22 23 24 25	0.0 0.1 0.1 0.1	0.7 0.7 0.8 0.9 1.3	849 200 120 78 53	88 72 58 48 39	8.9 8.9 8.7 8.2 7.7	8.9 8.6 21 20 149	11 9.7 9.2 9.0 8.5	2.4 2.5 1.8 1.5	0.0 3.5 0.5 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 0.0 0.0	1.4 9.2 1070 1280 277	43 46 58 133 91 64	33 29 26 23 21 20	7.3 7.4 7.2	547 * 217 152 117 93 71	7.8 7.5 7.1 6.8 6.7	1.8 2.5 3.0 2.7 2.7 2.2	14 13 2.4 0.3 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	0.0 0.1 0.0 1.0	93.4 1280 0.0 5557	182 1090 25 11170	83.2 731 18 5117	11.5 19 7.2 640	51.3 547 5.1 3156	17.6 57 6.7 1050	3.7 7.0 1.5 226	2.0 14 0.0 119	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	MEAI MAX MIN AC.FI

WATER YEAR SUMMARY

MINIMUM GAGE HT. MO. DAY TIME

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

MEAN		MAXIMU				
DISCHARGE	DISCHARGE	GAGE HT.				DISCHARGE
37.3	2420	7.64	11	28	0400	0.0

	TOTAL	
	ACRE FEET	_
	27036	
_		_

	LOCATION	1	M.	XIMUM DISCHA	RGE	PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE LONGITUE	LONGITURE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 47 02	121 53 06	SE5 22N 1E				NOV 64-DATE	NOV 64-DATE	1964		0.00	LOCAL

Station located 0.1 mi. above Old Highway 99E Bridge, 4.9 mi. N of Chico. Tributary to Sacramento River via Big Chico Creek. Includes an undetermined amount of water from Big Chico Creek. Drainage area is 47.5 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A00928 MUD CREEK DIVERSION AT CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0				1
2	0.0*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7				2
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					2
4 1	0.0	0.0	69	0.0	0.0	0.0	0.0	0.0*		1			4
5	0.0	0.0*	0.0	0.0	0.0	0.0	0.0*	0.0					5
6	0.0	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	-				6
7	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	0.0	i i				7
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1			
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1			
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					10
111	0.0	0.0	0.0	0.0*	0.0	0.0	0.0	0.0	N	N	N	N	11
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0*			1		12
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	13
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	_	_	_		14
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	R	R	R	R	15
									E	E	E	E	200
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	c	c	c	c	16
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	- 1	-	-	C	17
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	18
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	R	R	R	R	19
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			, A		20
1 1							1		D	D	D	D	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					21
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					22
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		-			23
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1				24
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					25
26	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0					26
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					27
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1			26
29	0.0	0.0	0.0	0.0		0.0	0.0	0.0		-			29
30	0.0	0.0	0.0	0.0		0.0	0.0	0.0		Ì			30
31	0.0		0.0	0.0		0.0		0.0					31
MEAN	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	NR	NR	NR	NR	MEAN
MAX.	0.0	0.0	69.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	MAX
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
AC. FT.	•••	•••	137	•••	•••	0.0	•••	0.0	•••	0.0	0.0	0.0	MIN. AC.FT.

E — ESTIMATED

NR — NO RECORD

- DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

MEAN	
DISCHARGE	DISCH
NR	NR

			W	ATE	R YEA	F
	MAX	IMI	J M			
NR NR	GAGE	HT.	MO.	DAY	TIME	

SUMMARY				
	MINIM			
DISCHARGE	GAGE HT.	MO.	DAY	TIME
NR			1	

	TOTAL	7
Г	ACRE PEET	
	NR	

	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATUM OF GAGE			
		1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM	
39 47 07	121 48 01	SW18 22N 2E				NOV 64-DATE	NOV 64-DATE	1964		0.00	LOCAL	

Station located 0.4 mi. above Wildwood Avenue Bridge, 4.0 mi. NE of Chico. This flow is diverted from Lindo Channel into Mud Creek during periods of high water. Crest of diversion weir is at gage height 8.38.

AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A04250 BIG CHICO CREEK AT CHICO

IAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.6	18	444	249	133	59	244	70	40	19	8.9	8.5	1
2	5.8	17	526	236	133	55	218	70	41	18	14	6.8	2
3	5.8	18	463	195	128	54	196	73	40	18	10	6.6	3
4	6.6	28	898	167	119	54	178	75	36	15	9.5	6.1	4
5	6.2	160	582	148	111	54	165	74	34	16	8.2	5.8	5
	7.1	119	442	132	106	52	156	70	32	17	8.7	8.0	6
7	8.4	88	364	118	101	50	150	68	36	15	7.9	8.2	7
	8.5	59	430	109	96	-48	143	69	43	15	9.7	7.2	8
9	9.4	56 *	455	104	91	48 *	135	68	32	15	7.0	7.5	9
10	9.4	185	336	117	87	47	162	63	28	14	4.5	7.7	10
11	9.1	89	273	288	87	50	143	59	28 .	14	5+4	5.0	11
12	9.2	93	234	274	92	344	132	60	27	16	6 • 4	5.8	12
13	9.00	70	192	251	99	484	126	56	25	10	5.6	5.4	13
14	8.9	54	160 *	219 •	102	317	121	54 *	29	12	6.9	4.2	14
15	9.5	45	141	244	102	268	115	52	25	12	7.1	3.5*	15
16	9.8	39	198	456	100	239	110 •	50	25	11 •	8.2*	4.6	16
17	10	36	211	515	97 *	238	118	48	24	12	4 • 0	3.8	17
18	15	34	211	460	92	207	109	46	24	12	6.1	3.8	1.0
19	18	34	184	407	96	185	101	45	23 17	13	6.6	4.6	19
20	20	33	186	351	85	170	103	44	17	13 7.2	6.9	4.2	20
21	26	32	318	307	79	156	102 94	43	15	10	11	2.8	21
22	31	32	231	273	76	145	94	42	12	11	4.0	5.4	22
23	29	33	181	248	74	214	89	40	21	14	6.8	5.5	23
24	39	32	155	218	71	271	87	38	5.5	15	6.1	3.7	24
25	25	40	137	191	66	344	84	38	20	15	5.9	4.6	25
26	19	48	127	169	62	788	81	26	22	15	5.9	5.2	26
27	19	63	125	154	61	577	78	31	25	9.9	6.8	7.5	27
28	18	546	144	144	61	428	75	39	29	11	7.8	15	28
29	17	600	388	139		342	73	41	20	11	7.0	9.5	29
30	17	487	331	136	Į	298	71	41	19	11	9.3	19	30
31	18		275	134		267		40		11 9.6	4.6		31
EAN	14.6	106	301	230	93,1	221	125	52.7	27.1	13.3	7.3	6.5	MEAN
tax.	39.0	600	898	515	133	788	244	75.0	43.0	19.0	14.0	19.0	MAX
MIN.	5.8	17.0	125	104	61.0	47.0	71.0	26.0	12.0	7.2	4.0	2.8	MIN.
C. FT.	895	6323	18530	14188	5171	13593	7456	3239	1615	821	450	388	AC.FT

- ESTIMATED

R — ESTIMATED
R — NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN MAXIMUM GAGE HT. MO. DAY TIME DISCHARGE 100.4 1090 9.59 12 04 0630

MINIMUM DISCHARGE MO. DAY TIME 0.0 3.21 80 03 0430 TOTAL ACRE FEET 72667

	LOCATION	1	MA	XIMUM DISCH	ARGE	PĖRIOD (F RECORD		DATU	M OF GAGE	
	LOUGITUDE	1/4 SEC. T. & R.		OF RECOR		DISCHARGE	GAGE HEIGHT	PER	100	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	Discharce	ONLY	FROM	то	GAGE	DATUM
39 43 38	121 51 43	SE28 22N 1E				JAN 56-DATE	JAN 56-DATE	1956		167.88	USED

Station located 50 ft. above Rose Avenue Highway Bridge, immediately W of Chico. Tributary to Sacramento River. Flow affected by upstream diversion.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A00600 LINDO CHANNEL NEAR CHICO

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	138	33	0.0	0.0	44	0.0	0.0	0.0	0.0	0.0	1
2	0.0	0.0	249 *	28	0.0	0.0	34	0.0	0.0	0.0	0.0	0.0*	2
3	0.0	0.0	153	17	0.0	0.0	27	0.0	0.0*	0.0	0.0	0.0	3
4	0.0	0.0	1,500	9.1	0.0	0.0	23	0.0*	0.0	0.0	0.0	0.0	4
5	0.0*	0.00	365	1 • 4	0.0	0.0*	19	0.0	0.0	0.0	0.0*	0.0	5
6	0.0	0.0	143	0.0	0.0	0.0	17	0.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	79	0.0	0.0	0.0	15	0.0	0.0	0.0*	0.0	0.0	7
8	0.0	0.0	130	0.0	0.0	0.0	14	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	156	0.0	0.0	0.0	12	0.0	0.0	0.0	0.0	0.0	9
10	0.0	0.0	73	0.0	0.0	0.0	13	0.0	0.0*	0.0	0.0	0.0	10
11	0.0	0.0	37	34 *	0.0	0.0	15	0.0	0.0	0.0	0.0	0.0	11
12	0.0	0.0	21	50	0.0	389	11	0.0*	0.0	0.0	0.0	0.0	12
12	0.0	0.0	13	37	0.0	329	7.9	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	2.5*	26	0.0	80	4.9	0.0	0.0	0.0	0.0	0.0	14
15	0.0	0 • 0	0 • 0	36	0 • 0	43	2.0	0 • 0	0.0	0.0	0 • 0	0 • 0 *	15
16	0.0	0.0	6.3	278	0.0	28	0.1*	0.0	0.0	0.0*	0.0*	0.0	16
17	0.0	0.0	12	469	0.0	25	0.0	0.0	0 • 0	0.0	0.0	0.0	17
18	0.0	0.0	18	273	0.0*	19	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	0.0	10	196	0.0	14	0.0	0.0	0.0	0.0	0.0	0.0	19
20	0.0	0.0	7.6	131	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	75	81	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	26	51	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	22
23	0.0*	0.0	12	35	0.0	14	0.0	0.0	0.0	0.0	0.0	0.0	23
24	0.0	0.0	3.0	25	0.0	47	0.0	0.0	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	18	0.0	109	0.0	0.0	0.0	0.0	0.0	0.0	25
26	0.0	0.0	0.0	12 5.7	0.0	1,530 •	0.0	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	5.7	0.0	550	0.0	0.0	0.0	0.0	0.0	0 • 0	27
28	0.0	205	0.0	1.1	0.0	205	0.0	0.0	0.0	0.0	0.0	0.0	28
29	0.0	407 *	109	0.0		117	0.0	0.0	0.0	0.0	0.0	0.0	29
30	0.0	162	81	0.0		82	0.0	0.0	0.0	0.0	0.0	0.0	30
31	0.0		44	0.0		59		0.0		0.0	0.0		31
MEAN	0.0	25.8	111	59.6	0.0	117	8.6	0.0	0.0	0.0	0.0	0.0	MEAP
MAX.	0.0	407	1,500	469	0.0	1,530	44.0	0.0	0.0	0.0	0.0	0.0	MAX
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.		1535	6870	3664		7248	514						AC.FT

E - ESTIMATED

NR - NO RECORD

- DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

E AND *

W	ATER YEAR SUMMA	RY
MAXIMUM		

MEAN		MAXIMU	М				$\overline{}$	MINIM	J M		
SCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	П	DISCHARGE	GAGE HT.	MO.	DAY	TIME
27.4	2460	17.42	12	04	0600	Н	0.0	3.83	10	01	0000
					oxdot	'			L		

	TOTAL
Г	ACRE PEET
	19831
(

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD (F RECORD	DATUM OF GAGE			
	LOVELTUDE	1/4 SEC. T. & R.		OF RECORE)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	ONLY		FROM	TO	GAGE	DATUM
39 43 21	121 54 41	NW31 22N 1E	3710	18.42	1/14/70	jan 56-date	JAN 56-DATE	1956		128.42	USED

Station located 100 ft. below Grape Way Bridge, 4.0 mi. W of Chico. Tributary to Sacramento River via Big Chico Creek. Flow affected by upstream diversion.

ABLE B-5 (CONT.) AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A31302	GRINDSTONE CREEK NEAR ELK CREEK

YAC	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.4 0.6 0.6 0.6 0.6	17 18 24 91 178	276 * 326 861 2510 951	224 217 172 160 154 *	382 364 310 262 254	132 116 126 138 110	500 450 440 400 373	110 121 116 143 148	85 72 65 68 72	41 36 33 31 28	4.2 5.0 5.0 5.0 4.2	3.4 * 5.0 4.2 5.0 5.0	1 2 3 4 5
6 7 8 9	0.4 0.4 0.6 0.6	113 102 68 298 189	774 978 1180 883 1260	116 97 89 106 303	238 217 198 184 198	106 102 102 * 93 93	337 302 270 253 323	132 138 198 160 160	68 76 76 76 76	24 24 22 20	3.4 2.6 3.4 3.4 2.6	4.2 5.0 5.0 4.2 6.0	6 7 8 9
11 12 13 14 15	0.6 0.6 0.6 0.6 *	121 246 62 38 36	450 400 355 302 341	450 319 * 244 160 567	238 278 302 302 286	182 1740 1000 629 475	238 224 224 238 230	191 204 210 198 * 178	72 65 65 61 61	20 17 17 * 15 14	2.6 * 2.6 * 2.6 2.0	6.0 5.0 2.6 1.5	11 12 13 14 15
16 17 18 19 20	1.5 1.5 2.0 1.5 4.2	31 24 22 * 22 20	603 460 468 391 364	4550 5050 4620 2610 1580	270 230 204 * 204 178	433 460 373 337 310	217 228 204 191 * 178	154 138 116 116 116	61 61 * 61 58 55	12 12 11 * 11 *	1.0 1.0 1.0 0.6 1.0	1.0 * 2.6 4.2 7.0 9.4	16 17 18 19 20
21 22 23 24 25	12 33 31 52 28	20 18 18 29 462	310 286 262 254 238	1050 758 604 517 420	172 160 154 148 154	278 25 ¹ 4 1060 858 1110	172 154 172 132 121	110 93 102 116 143	52 49 46 41 43	12 11 8.2 8.2 7.0	1.0 1.5 0.6 0.6 1.0	12 15 18 18 22	21 22 23 24 25
26 27 28 29 30 31	17 14 15 14 14	348 269 451 628 409	246 238 270 469 294 238	382 373 373 364 364 391	143 143 143	4550 1610 1160 881 724 604	110 97 97 102 97	143 121 164 132 132 97	46 49 46 43 43	6.0 6.0 4.2 5.0 5.0	0.6 1.0 1.0 1.0 1.0	24 26 31 36 36	26 27 28 29 30 31
AEAN MAX. MIN. AC. FT.	8.5 52 0.4 524	146 628 17 8672	556 2510 238 34190	883 5050 89 54320	226 382 143 12530	650 4550 93 39960	236 500 97 14030	142 210 93 8727	60.4 85 41 3594	16.2 41 4.2 995	2.1 5.0 0.6 131	10.8 36 1.0 645	MEAN MAX MIN. AC.FT.

WATER YEAR SUMMARY

ESTIMATED
R - NO RECORD
DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW
- E AND *

MEAN		MAXIMUM				MINIMUM					
DISCHARGE 246	DISCHARGE 7640	GAGE HT. 13.13	MO. 1		1800	DISCHARGE 0.2	9.42	MO. 10	DAY 1	1430	

1	TOTAL	1
Г	ACRE FEET	
	178300	
\		

	LOCATION	١	MAXIMUM DISCHARGE			PERIOD OF	DATUM OF GAGE				
	TUDE LONGITUDE 1/4 SEC.			OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 40 48	122 31 52	SW15 21N 6W				NOV 35-SEP 37 AUG 52-OCT 55	NOV 35-SEP 37 AUG 52-MAR 57				l

Station located above Chrome Road Bridge, 5.1 mi. N of Elk Creek. Tributary to Sacramento River via Stony Creek. Drainage area is 172 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02570	SACRAMENTO RIVER AT ORD FERRY	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DA
1	7,190	7,170	41,500	25,300	26.700	10,500	22,700	13,400	15,800	12,300	11.200	11.400	,
2	7,200	7,170	39,400	25,800	26,200	10.000	22,700	13,300	16.300	11,900	11,600	11,400	2
3	6,980	7,180	43,100	24,600	25,600	9,910	24,800	13,400	15.400	11.800	11,400	10,800	3
4	6,960	7,250	66.300	23,400	25,000	9,800	23,900	13,900	15,100	11.700	11,100	9,920	112
5	6,960	7,780	83,800	22,300	24,300	9,750	21,500	14,800	14,900	11,600	11.300	9,700	5
6	7,050 *		56,200	21,900	22.700	9,630	21,200	16,100	14,700	11.200	11.000	9,710	
7	7:000	10,800	49,700	21,100	20,900	9,590	21,200	16,900		11.000	10,800	9,580	7
8	7.020	10,300	58 - 100	20,700	20.200		20,300	17,800	14,200	10,900	10,900	9,570	
9	7,080	9,300	70,300	20,300	19,800	9,380	18,700	18,700	14,400	10,900	10.800 4	9,620	9
10	7,050	21,100	57,800	18,900	19,600	9,090	18,700	19,200	14,400	10,900	10,800	9,650	10
11	7,070	12,300	48,300	20,700	19,700	8,730	19,600	18,900	14,300	10,900	10,700	9,750	11
12	7,100	11,400	43.000	21,200	18,400	9,310		18,900	14.200		10,700	9,700	12
13	7,070		38,100	19,800	18,200	26,000	19,900	19:000	14,000	10,900	10,700	9,730	13
14	6,950	10,000	34,000	18,800	16.900	16.500	20.100	19.300	13,900	10.800	10.800	9,800	14
15	6,970	9,710	32,300	18,800	16,300	15,200	19,700	19,500	13,700	10,800	10,800	9,740	15
16	6,770	10,300	36,500	43,700	16,100	15,600	19,500	19,200	13,700	10,800	10,700	9,790	16
17	6,650	12,500	40,800	90,600	15,800	12,800	17,600	18,900	13,600	10.800	10.700	9,790	17
18	6,730	14,100	39,300	71.000	15,400	11,600	17,100	18,600	13,500	10,900	10.800	9,740	18
19	6,800	15,100	38,100	58,200	14,200	10,700	16,700	18,100	13,300	10,800	10,800	9,820	19
20	6,970	15,300	32,300	53,300	13,200	10,200	16,700	17,800	13,200	10,700	10,800	9,870	20
21	7,280	15,300	40,500	48.400	12,600	9,940	16,900	17.500	13,100	10,600	10,900	9,950	21
22	7,410	15,400	37,600	44.900	12,300	9,780	15,800	16,700	13,100	10,500	10,900		22
23	7.460	15,600	28,800	42,100	12,000	10,100	15,400	15,300	13,000	10,500	11,000	10,000	23
24	7,650	15,700	26,500	40,600	10.900	15,800	15,100	15,100	13,100	10,500	11,100	9,980	24
25	7,680	18,600	24,700	39,400	11,400	16,200	14,200	15.300	12,900	10,500	10,900	10,000	25
26	7,390	22,500	23,300		10,900	42,500	14,000	15.200	12,700	10,500	10,900	10,000	26
27	7,270	19,500	23,100	36,700	10,800	48,600	13,800	15.600	13,600	10,400	10,900	10,200	27
28	7,260	42,100	22,800	31.100	10,700	27,600	13,600	16:000	13,500	10.500	11.000	10,100	28
29	7,260	79,800	27.200	28,200		21,800	13,000	16,300	12,700	10,800	11.200	10,100	29
30	7,210	67,100	30,000	27,400		19,600	13,300	15,900	12,400	10,900	11,300	10,200	30
31	7,200		26,200	26,900		23,200		15,700	-	11,200	11.400		31
MEAN	7,117	17,687	40,632	33,687	17,385	15,448	18,263	16,783	13,903	10,948	10,964	9,987	MEA
MAX.	7,680	79,800	83,800	90.600	26,700	48,600	24,800	19,500	16,300	12,300	11,600	11,400	MA
MIN.	6,650	7,170	22,800	18,800	10,700	8,730	13,000	13,300	12,400	10,400	10,700	9,570	MIN
AC. FT.	437633	1052449	2498379	2071338	965553	949884	1086743	1031999	827305	673190	674181	594267	AC.F

- ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

		WATER	YEAR	SUMMARY

MEAN		MAXIMU	JM	MINIMUM						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	
17767.3	97100	64.59	01	17	1815	6430.0	46.33	10	16	

TOTAL ACRE FEET 12862922

	LOCATION	4	MAXIMUM DISCHARGE			PERIOD	DATUM OF GAGE				
LATITUDE	TITUDE LONGITUDE 1/4 SEC.		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITODE	LUNGITUDE	M.D.B.&M.	CFS GAGE HT. DATE		DISCHARGE	ONLY	FROM	TO	GAGE DATUM		
39 37 39	121 59 28	SE32 21N 1W	138000	69.8	1/24/70	JAN 48-DATE	21-MAY 27 # FEB 37-MAY 37	1937	1960	0.00	USED
							NOV 39-MAY 39 NOV 41-DATE	1960		50.00	

TIME

2215

Station located 0.1 mi. below Ord Ferry. Records of flows in excess of 70,000 cubic feet per second are not reliable due to an undetermined amount of water by-passing the station via Butte Basin. Flow regulated by Shasta Lake since December 30, 1943. Approximately 980,000 acrefeet liverted from the river between Keswick and Ord Ferry in addition to diversions from the tributaries. Transbasin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 12,430 sq. mi.

- Flood season only.

ABLE B-5 (CONT.) AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A02986	MOULTON WEIR SPILL TO BUTTE BASIN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	155 0.0 0.0 6.0 4920	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	2760 8.0 0.0 914 1650	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	6 7 8 9
11 12 13 14 15	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	10 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	11 12 13 14 15
16 17 18 19 20	0.0 0.0 0.0 0.0	0.0	0.0 1640 6590 1050	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0	0.0 0.0 0.0 0.0	16 17 18 19 20
21 22 23 24 25	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 0.0	0.0 0.0 0.0 444 3630	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	0.0 0.0 0.0 0.0	136 3630 0.0 8081	636 6590 0.0 39120	0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED - NO RECORD - DISCHARGE A OBSERVATION - E AND +

N OF NO FLOW	

MEAN		MAXIMU	M		$\overline{}$	_		MINIM	JM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	Г	DISCHARGE	GAGE HT.	MO.	DAY	TIME
65.2	7725	79.60	12	5	1930		0.0		10	1	
$\overline{}$						_			_		

TOTAL ACRE PEET 47200

	LOCATION	И	MAXIMUM DISCHARGE			PERIOD O	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 20 18	122 01 18	SEL2 17N 2W				JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of south end of weir, 4.6 mi. S of Princeton. Elevation of weir crest is 76.75 ft. USED datum; length of crest is 500 ft.

- Flood season only.

TABLE B-5 (CONT.) DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A02981 COLUSA WEIR SPILL TO BUTTE BASIN

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	21100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
2	0.0	0.0	5500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
3	0.0	0.0	6910	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
4	0.0	0.0	10700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4
5	0.0	0.0	36400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
6	0.0	0.0	34300	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6
7	0.0	0.0	19000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
8	0.0	0.0	14700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8
9	0.0	0.0	24200 *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
10	0.0	0.0	28800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10
11	0.0	0.0	18400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
12	0.0	0.0	9820	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12
13	0.0	0.0	5280	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
14	0.0	0.0	1800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
15	0.0	0.0	363	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
16	0.0	0.0	390	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
17	0.0	0.0	3460	22500	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17
18	0.0	0.0	5600	42800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18
19	0.0	0.0	4100	29800 *	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19
20	0.0	0.0	1640	22600	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20
21	0.0	0.0	1170	16700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21
22	0.0	0.0	6960	11700	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
23	0.0	0.0	776	8630	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
24	0.0	0.0	0.0	6480	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24
25	0.0	0.0	0.0	5170	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25
26	0.0	0.0	0.0	4280	0.0	38	0.0	0.0	0.0	0.0	0.0	0.0	26
27	0.0	0.0	0.0	3340	0.0	12300	0.0	0.0	0.0	0.0	0.0	0.0	27
28	0.0	0.0	0.0	1550	0.0	3900	0.0	0.0	0.0	0.0	0.0	0.0	28
29	0.0	21000	0.0	2.4		0.0	0.0	0.0	0.0	0.0	0.0	0.0	29
30	0.0	40300	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	30
31	0.0		0.0	0.0		0.0		0.0		0.0	0.0		31
MEAN	0.0	2043	8431	5663	0.0	524	0.0	0.0	0.0	0.0	0.0	0.0	MEAN
MAX.	0.0	40300	36400	42800	0.0	12300	0.0	0.0	0.0	0.0	0.0	0.0	MAX.
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MIN.
AC. FT.	0.0	121600	518400	348200	0.0	32210	0.0	0.0	0.0	0.0	0.0	0.0	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	J M		MINIMUM					
DISCHARGE 1410	DISCHARGE 44200	GAGE HT. 66.71	MO . 1	5	2200	DISCHARGE 0.0	GAGE HT.	MO. DAY	TIME	

TAL
PEET
000

	LOCATION	1	MAXIMUM DISCHARGE			PERIOD O	DATUM OF GAGE				
		1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITORE	TIODE LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 14 12	121 59 38	SE17 16N 1W		70.6	3/1/40	jan 40-date #	JAN 35-DATE #	1935		0.00	USED

Station located at north end of weir, 2.0 mi. N of Colusa. Elevation of weir crest is 61.80 ft. USED datum; length of crest is 1,650 ft. # - Flood season only.

'ABLE B-5 (CONT.) DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.		
1971	A04910	LITTLE CHICO CREEK DIVERSION NEAR CHICO	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4													1 2 3 4
5 6 7 8													6 7 8
10													10
11 12 13 14 15													11 12 13 14 15
16 17 18 19 20					TATA IN	SUFFICIENT I	O COMPUTE DI	SCHARGE			:		16 17 18 19 20
21 22 23 24 25													21 22 23 24 25
26 27 28 29 30													26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.			•										MEA MAI MIN AC.F

WATER YEAR SUMMARY

- ESTIMATED

IR - NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	M				MINIM	U M	
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO. DAY	TIME
							<u> </u>		

	TOTAL	
Г	ACRE FEET	
l		

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD C	DATUM OF GAGE				
LATITUDE LONGITUDE		1/4 SEC. T. & R.	OF RECORD DISCHARGE				GAGE HEIGHT	PERIOD		Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
	=		1204 E	7.23	12/22/64	JAN 59-DATE					l

See Little Chico Creek near Chico for records of stage and location. This is flow diverted from Little Chico Creek, into Butte Creek during periods of high water.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A04265	BUTTE CREEK NEAR DURHAM	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	71	143	791	499	511	325	899	415	349	93	19	26	1
2	69	148	916	499	513	318	836	407	316	80	19	43	2
3	70	152	919	406	497	313	807	421	290	92	19	35	3
4	73	183	2,690	374	465	314	784	462	269	80	47	37	4
5	74	354	1,430	351	440	306	772	460	268	78	61	50	5
	75	272	935	334	428	301	766	443	260	90	62	77	6
6	76	252	756	323	418	299	755	440	265	103	41	62	7
7	77	229	948	315	405	288	735	473	256	83	43	48	
8	70	232 *	1,190	311	395	283 *	714	462	246	79	55	21	9
10	69	358	817	337	394	278	806	469	247	84	47	16	10
	68	268	641	625	415	285	766	494	245 *	76	32	16	11
11	71	285	551	552	477	1,850	709	530	234	77	26	15	12
.12	67 #	264	473	518	498	1,830	685	528	237	53	24	16	13
13	67	245	433 *	463 *	507	950	660	509	227	42	23	18 *	14
14 15	64	238	406	530	499	765	659	497	191	38	20	18	15
	54	236	532	1,080	494	652	651	487	169	52 *	21 *	18	16
16	56	239	527	1,310	477 *	634	683	461 *	159	46	14	18	17
17			501	1.160	449	549	631	446	156	45	14	18	18
18	67	238	436		480	482	595 *	430	151	41	16	18	
19	79	238	466	1,080 954		453	603		133	40	30	17	19
20	84	245	400	734	441	453	603	425	133	40	30		20
21	101	253	1.010	831	417	435	552	425	122	35	42	17	21
22	116	256	614	730	397	421	540	382	108	36	40	16	22
23	118	261	464	664	381	625	485	391	103	33	34	15 69	23
24	140	266	396	611	375	1,030	442	389	101	39	23		24
25	105	293	362	572	360	1.070	456	387	97	40	24	124	25
26	96	328	346	529	344	3,190	448	4 0 5	145	32	21	133	26
27	90	328	345	508	341	2,560	425	376	245	26	20	164	27
28	93	1,160	380	496	340	1,620	398	396	143	22	18	155	28
29	102	1,440	975	491		1,280	400	366	118	22	19	151	29
30	97	968	750	490		1,130	412	368	104	22	30	243	30
31	133		569	502		1,010		339		20	32		31
MEAN	83.6	345	728	595	434	833	635	434	198	54.8	30.2	55.8	MEAT
MAX.	140	1.440	2,690	1,310	513	3,190	899	530	349	103	62.0	243	MAX
MIN.	54.0	143	345	311	340	278	398	339	97.0	20.0	14.0	15.0	MIN
AC. FT.	5141	20573	44765	36585	24115	51265	37833	26743	11810	3370	1857	3320	AC.FT

E - ESTIMATED

NR - NO RECORD

* DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN		MAXIMU	M			1		MINIM	JM		
DISCHARGE 369.3	DISCHARGE 3750	GAGE HT.						GAGE HT.			
369.3	3750	6.76	03	12	1845	l	9.0	2.84	08	18	ŀ

267376

f	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORE	>	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	OHLY	FROM	TO	GAGE	DATUM
39 40 37	121 46 38	NW17 21N 2E	21300 E	14.55	12/22/64	JAN 58-DATE	jan 58-date	1958		181.01	USED

Station located 0.1 mi. below Ord-Chico Highway Bridge, 2.6 mi. NE of Durham. Tributary to Butte Slough. Flow affected at times by large upstream diversions and imports from West Branch Feather River.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME LITTLE CHICO CREEK NEAR CHICO 1971 A04280

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	4.6	68	47	21	10	26	11	5.5	0.5	0.0	0.0	1
2	0.0	4.6	131	48	20	10	24	10	5.4	1.0	0.0	0.00	
3	0.0	4.6	236	38	19	6.5	23	10	5.1	1.4	0.0*	0.0	3
4	0.0	6.2	651	33	18	8.9	22	10	4.9	1.3	0.0	0.0	4
5	0.0	12	218	30	17	8.6	55	9.4	4.8	1.1	0.0	0.0	5
6	0.0	10	125	28	17	8.0	22	9.3	4.3	0.9	0.0	0.0	6
7	0.0	8.2	94	26	16	7.6	22	8.0	3.8	0.9	0.0	0.0	7
	0.0	7.3	91	25	16	7.4	21	6.8	3.8	0.9	0.0	0.0	8
9	0.0	8.1*	70	24	15	7.2*	21	6.3	3.6	1.1	0.0	0.0	9
10	0 • 0	15	50	25	14	7.5	23	5.9	3.6*	0.9	0.0	0 • 0	10
11	0.0	9.0	39	27 •	14	7.9	22	5.4	3.7	0.8	0.0	0.0	11
.12	0.0	9.4	34	28	13	20	21	7.1*	3.3	0.5	0.0	0.0	12
13	0.0	7.3	31	32	13	18	21	7.7	1.1	0.4	0.0	0.0	13
14	0.0	6.8	28	32	13	15	21	7.5	1.2	0.3	0.0	0.0	14
15	0.0	6.7	27	44	13	14	21	7.5	1.0	0.3	0.0	0.0	15
16	0.0	4.2	35 *	170	12	13	22 •	6.6	1.1	0.3*	0.0*	0.0	16
17	3.5	5.0	37	151	11	13	21	6.5	0.9	0.4	0.0	0.0	17
18	5.4	5.3	42	109	11 *	13	20	6.4	0.9	0.5	0.0	0.0	18
19	5.9	5.3	34	80	13	13	19	6.3	1.1	0.3	0.0	0.0	19
20	6.4	5.3	86	57	16	12	19	6.3	1.0	0.2	0.0	0.1	20
21	6.5	5.1	274	42	15	12	18	5.9	1.0	0.1	0.0	0 • 1	21
22	6.9	5.0	118	36	14	12	17	5.9	0.8	0.1	0.0	0.1	22
23	6.4	5.2	76	33	14	21	17	5.3	0.7	0.2	0.0	0.1	23
24	6.9	5.1	53	30	13	21	15	5.1	0.8	0.1	0.0	0.1	24
25	5.4	5.4	44	28	12	130	15	5.0	0.8	0.1	0.0	0.1	25
26	4.8	5.5	40	26	11	358	14	5.0	1.1	0.1	0.0	0.1	26
27	4.6	11	39	25	11	123	14	5.3	1+4	0.0	0.0	0 • 1	27
28	4.6	301	47	24	11	71	13	5.7	1.1	0.0	0.0	0.1	28
29	4.6	333 *	93	23		44	12	5.7	1.0	0.0	0.0	0 • 1	29
30	4.6	131	62	22	İ	35 30	12	5.9 5.7	0.7	0.0	0.0	3.0	30
						30		347		0.0	0.0		+
MEAN MAX.	2.6	31.7	97.5	44.0	14.4	34.8	19.3	6.9	2.3	0.5	0.0	0.1	MEAN
MIN.	6.9	333	651	170	21.0	358	26.0	11.0	5.5	1.4	0.0	3.0	MAX
AC. FT.	0.0	4.2	27.0 5994	21.0	11.0	6.5	12.0	5.0	0.7	0.0	0.0	0.0	MIN.
CC. F1.	161	1889	5774	2705	799	2137	1150	425	138	29		8	AC.PI

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN MAXIMUM GAGE HT. MO. DAY MINIMUM
GAGE HT. MO. DAY TIME DISCHARGE DISCHARGE 12 04 0315 21.3 1200 4.78 0.01 10 01 0000 0.0

TOTAL ACRE PEET 15437

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD (DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR		DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	EGNOTIONE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 44 02	121 46 23	NE29 22N 2E	1790	7.17	12/21/64	JAN 59-DATE	DEC 58-DATE	1958		296.00	USED

Station located above diversion dam 500 ft. S of Stilson Road, 3.6 mi. E of Chico. Tributary to Sacramento River. During periods of high water, flow is diverted via Little Chico Creek Diversion, into Butte Creek. Discharge listed does not include this diversion. Drainage area is 25.4 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME CHEROKEE CANAL NEAR RICHVALE A02984 1971

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.8	24	602	154	74	21	67	80	25	18	28	33	1
2	0.7	22	880	462	72	19	63	79	31	24	24	25	2
3	0.9	21	550	172	70	17	60	74	33	23 24	15	25 27 28	3
4	0.7	27	2,000 +	130	68	17	57	54	29	24	24	28	4
5	0.8	35	859	115	67	17	55	51	23	24	28	27	5
6	0.7	98	425	106	66	24	54	34	18	24	27	24 22 23 26	6
7	0.6	132	266	98	65	14	54	37	55	19	26	22	7
	0.5	62	384	93	64	27	54	55	24	20	25	23	8
9	0.4	52	339	90	42	28 *	52	54	22	23	25	26	9
10	0 • 4	68	203	87	31	20	48	47	27	18	26	21	10
11	0.4	64	158	105	31	19	46	28	24 *	14	31	18 15 13	11
12	1.5	102	137	111	35	41	44	21	21	20	25	15	12
13	2.5*	73	126	186	54	87	44	32	17	29	15	13	13
14	2.3	60	128	150	57	50	54	27	20	28	18	14	* 14
15	2.3	54	115	120	56	59	58	25	18	26	24	9.6	15
16	2.3	53	181	587	60	47	61 *	28	24	21 +	26 *	6.8	
17	2.4	51	148 *	689	69 *	48	50	23 .	14	13	25	12	17
18	2.5	50 *	152	268 *	60	49	41	26	6.1	9.9	30	12 16 21	18
19	1.7	48	172	186	49	41	40	34	6.0	11	31	21	19
20	1.9	48	127	149	30	39	38	36	7.8	16	30	21	20
21	3.5	48	1+610	124	41	34	34	38	14	19	35	15 12 9.0	21
22	3,4	48	612	110	49	32	29	32	23	18	39 35	12	22
23	19	48	274	97	38	102	36	27	21	20 21	35	9.0	23
24	25 35	49	192	89	28	209	115	25	18	21	32	6.5	24
25	35	50	148	84	27 .	526	152	24	20	22	55	2.2	25
26	29	52	139	81	25 25 23	977	142	28	24	22	13	1.8	26
27	28	53	174	79	25	246	95	29	25	24	33	1.6	27
28	29	1,480	189	78	23	127	115	31	26	26	46	3.7	28
29	30	3,410 *	659	77		95	115	30	23	21	49	3.0	29
30	32	1,030	287	75 74		82	104	26	19	11	43	3.7	
31	32		187	74		72		25		23	39		31
MEAN	9.4	247	400	162	49.1	102	65.9	37.4	20.8	20.4	28.7	15.4	
MAX.	35.0	3,410	2,000	689	74.0	977	152	80.0	33.0	29.0	49.0	33.0	MAX
MIN.	0.4	21.0	115	74.0	23.0	14.0	29.0	21.0	6.0	9.9	13.0	1.6	MIN.
AC. FT.	580	14701	24641	9969	2729	6319	3921	2301	1239	1253	1763	914	AC.FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

			W1	AIE	LEA	١
MEAN		MAXIMU				
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	
97.1	4520	9.91	11	29	1515	

MINIMUM GAGE HT. MO. DAY TIME DISCHARGE 1.74 10 11 1530 0.3

TOTAL ACRE PEET 70332

	LOCATION	٧	MA	XIMUM DISCH	ARGE	PERIOD (F RECORD	DATUM OF GAGE			
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 27 53	121 44 37	NW34 19N 2E	15200 E	13.80	10/13/62	JUL 60-DATE	JUL 60-DATE	1960		88.20	USCGS

Station located at Butte City Road Bridge, 2.1 mi. S of Richvale. Backwater from Cherokee Dam weir, 1.05 mi. below station, at times affects the stage-discharge relationship.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02967	BUTTE SLOUGH AT OUTFALL GATES	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	223 223 223 223 223	230 235 202 174 120	0.0 0.0 0.0 0.0 *	0.0 0.0 0.0 0.0 0.0 *	0.0 0.0 * 0.0 0.0	45 94 112 112 103	0.0 0.0 0.0 0.0	0.0 0.0 0.0 28 120	202 159 202 267 267	0.0 0.0 0.0 0.0	0.0 0.0 0.0 3.2 4.6	235 230 242 280 311	1 2 3 4 5
6 7 8 9 10	223 216 216 * 209 216	235 209 71 298 124	0.0 0.0 0.0 0.0	0.0 * 0.0 0.0 0.0	0.0 0.0 0.0 0.0	112 112 120 128 136	0.0 0.0 0.0 0.0	51 0.0 0.0 0.0 0.0	286 255 216 166 * 94	0.0 * 0.0 0.0 0.0	8.7 21 25 28 28	298 267 255 262 267	6 7 8 9
11 12 13 14 15	21.6 223 230 235 248	0.0 102 188 280 316	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 * 0.0 0.0 0.0 0.0	159 174 54 0.0 0.0	0.0 0.0 0.0 0.0 *	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 45 20 20	27 28 22 18 15	267 262 248 216 188	11 12 13 14 15
16 17 18 19 20	248 248 242 235 242	298 * 202 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0	0.0 29 209 286 286	0.0 0.0 0.0 0.0	0.0 0.0 0.0 * 0.0	0.0 0.0 0.0 0.0	56 20 33 56 28	12 10 10 2.7 0.0	181 181 144 112 103	16 17 18 19 20
21 22 23 24 25	235 230 235 248 242	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	56 86 112 174 94	267 255 235 108 0.0	0.0 0.0 0.0 0.0	0.0 0.0 75 174 159	0.0 0.0 0.0 0.0	0.0 12 17 15 13	5.4 19 35 34 52	86 76 94 136	21 22 23 24 25
26 27 28 29 30 31	274 280 286 280 262 248	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	120 94 76	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	128 86 86 45 103 181	0.0 0.0 0.0 0.0	12 11 8.2 6.6 5.2 4.6	61 124 209 202 230 248	128 112 94 45 0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	238 286 209 14640	109 316 0.0 6514	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	29.0 174 0.0 1611	101 286 0.0 6220	0.0 0.0 0.0 0.0	39.9 181 0.0 2452	70.5 286 0.0 4193	12.3 56 0.0 759	47.8 248 0.0 2941	182 311 0.0 10820	MEAN MAX. MIN. AC.FT.

- ESTIMATED

NO RECORD
 DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

WATER	VEAD	SUMMARY	
WAILE	ILAK	SUMMART	

MEAN		MAXIM	J M			MINIM	JM	
69.1	DISCHARGE NR	GAGE HT.	MO. DAY	TIME	DISCHARGE O.O	GAGE HT.	MO. DA	Y TIME

TOTAL ACRE PEET 50150

	LOCATION MAXIM					PERIOD O	PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.		
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM		
39 11 44	121 56 04	NE35 16N 1W				JUN 24-OCT 38 8 JAN 39-DATE	JUN 24-DATE	1		0.00	USED		

Station located 4.0 mi. E of Colusa, 3.7 mi. N of Meridian. Tributary to Sacramento River. Flow regulated by gravity culverts. During the summer months these flows, together with the flow of Butte Slough near Meridian and Wadsworth Canal near Sutter are made up almost entirely of return water from lands irrigated by Feather River diversions.

8 - Irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME RECLAMATION DISTRICT 70 DRAINAGE TO SACRAMENTO RIVER 1971 A02965

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.0 0.0 0.0	0.0 26 36 36 23	39 30 19 21 29	32 32 32 9•7 24	33 33 33 34	0.0 0.0 0.0 27 11	6.8 6.8 16 13 15	0.0 7.0 39 84 86	75 54 40 54 43	28 17 23 27	30 42 42 29 22	42 50 55 54 54	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0	0.0 26 11 0.0 0.0	28 29 29 29 29	34 34 10 25 36	34 34 9•9 25 35	0.0 0.0 0.0 0.0 3.1	16 27 24 19	89 54 83 81 80	29 30 28 28 28	28 22 17 27 30	25 27 32 28 31	54 42 17 31 17	6 7 8 9 10
11 12 13 14 15	0.0 0.0 9.5 0.0	0.0 0.0 0.0 0.0	29 30 30 30 30 28	10 26 36 10 26	42 23 0.0 23 11	0.0 17 11 25 36	19 19 19 19 15	70 53 70 53 69	25 22 17 28 29	27 30 26 17 27	17 24 17 26 24	17 17 17 17 17	11 12 13 14 15
16 17 18 19 20	3.8 1.9 1.9 0.0	0.0 0.0 15 26 12	22 30 30 31 30	36 30 51 39 45	0.0 27 37 11 13	28 0.0 9.4 0.0 0.0	19 19 35 21 20	53 53 53 54 54	44 30 36 25 37	17 17 17 17 17	35 28 31 28 31	17 17 17 17 17	16 17 18 19 20
21 22 23 24 25	9.6 8.0 4.7 1.5 0.0	0.0 15 12 0.0 0.0	31 30 31 31 32	30 30 56 32 30	38 11 0.0 0.0 28	0.0 0.0 14 9.4 12	29 20 20 20 20	69 54 54 55 54	44 45 31 52 30	17 17 17 17 17	30 28 32 32 43	17 17 17 0.0 0.0	21 22 23 24 25
26 27 28 29 30 31	6.1 0.0 0.0 0.0 0.0	0.0 0.0 0.0 50 67	33 33 33 47 32 31	31 31 31 32 32 33	11 0.0 0.0	22 10 19 0.0 0.0 0.0	20 20 20 28 9.3	55 55 73 85 88 75	44 44 54 54 29	17 17 17 17 17	34 27 44 28 44 39	0.0 0.0 0.0 0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	1.9 11 0.0 115	11.8 67 0.0 704	30.2 47 19 1857	30.5 56 9.7 1876	20.7 42 0.0 1148	8.2 36 0.0 504	19.1 35 6.8 1138	61.4 89 0.0 3773	37.3 75 17 2218	21.4 44 17 1313	30.6 44 17 1884	21.2 55 0.0 1263	MEAN MAX MIN AC.FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

— E AND *

			**		
MEAN		MAXIM	JM.		
DISCHARGE 24.5	DISCHARGE	GAGE HT.	MO.	DAY	TIME

	MINIM	U M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME

	TOTAL	
Г	ACRE PEET	ī
	17790	
١.		

	LOCATION	1	M	XIMUM DISCHA	RGE	PERIOD OF	DATUM OF GAGE				
		1/4 SEC, T, & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 04 08	121 51 43	NE16 14N 1E				MAY 24-OCT 38 8 Jan 39-DATE		1			

Plant located 1.7 mi. E of Grimes. This is drainage returned by pumping and gravity. Plant also discharges additional unmeasured flows to irrigation canals.

 $\ensuremath{\mathtt{S}}$ - Irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02960	TISDALE WEIR SPILL TO SUTTER BYPASS	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	11800 8590 7740 7620 10200	1840 1160 1190 347 0.0	2662 2460 2200 1900 1560	0.0 0.0 0.0 0.0	0.0 0.0 49 778 263	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	12800 10500 * 13600 12500 * 13500	0.0 0.0 0.0 0.0	1000 90 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0	6 7 8 9
11 12 13 14 15	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	13100 11200 9510 7860 6660	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0	0.0	0.0 0.0 0.0 0.0	0.0	11 12 13 14
16 17 18 19 20	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	5980 7300 8190 7947 7470	0.0 7000 14900 14300 11600 *	0.0 0.0 0.0 0.0	0.0	0.0 0.0 0.0 0.0	0.0	0.0	0.0 0.0 0.0 0.0	0.0	0.0 0.0 0.0 0.0	16 17 18 19 20
21 22 23 24 25	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	6044 8660 6710 4130 2560	11000 9740 8750 7990 7380	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 6760 12300	1060 27 0.0 0.0 2420 3240	6919 6404 5750 4570 3610 3010	0.0 0.0 0.0	0.0 6350 7150 3710 582 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	0.0 0.0 0.0 0.0	635 12300 0.0 37800	7384 13600 0.0 454100	4112 14900 0.0 252800	424 2662 0.0 23550	574 7150 0.0 35290	36.3 778 0.0 2162	0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW E AND +

MEAN		MAXIMU	M				MINIM	U M	
DISCHARGE 1113	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE O.O	GAGE HT.	MO. DAY	TIME
		ļ				0.0			oxdot

TOTAL ACRE PER 805700

	LOCATION	ł	МА	XIMUM DISCH	ARGE	PERIOD O	F RECORD	DATUM OF GAGE			
LATITUDE LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.		
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 01 36	121 49 16	NE35 14N 1E	25700	53.3	3/1/40	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of north end of weir, 5.0 mi. SE of Grimes. See Sacramento River at Tisdale Weir for stage records. Elevation of weir creat is 45.45 ft. USED datum; length of creat is 1,155 ft. Backwater from Sutter Bypass at times affects stage-discharge relationship.

^{# -} Flood season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A02933 RECLAMATION DISTRICT 108 DRAINAGE TO SACRAMENTO RIVER

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	91 0.0 59 0.0 0.0	0.0 0.0 0.0 0.0 110	315 321 166 313 242	25 98 120 81 129	80 80 80 73 77	0.0 76 0.0 0.0	129 0.0 0.0 136 0.0	306 498 340 390 391	281 220 232 146 149	202 179 154 194 154	21 ⁴ 195 15 ⁴ 206 182	302 257 302 302 302	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0 50	0.0 0.0 41 0.0 0.0	125 170 127 178 127	0.0 102 80 67 67	53 69 66 66 62	0.0 0.0 0.0 93 0.0	134 0.0 131 0.0 78	380 341 342 375 342	149 149 198 245 236	156 156 156 156 156	186 156 257 206 276	357 373 442 439 422	6 7 8 9
11 12 13 14 15	0.0 0.0 107 61 19	0.0 121 0.0 0.0	127 127 127 127 37 140	62 65 90 66 67	64 58 55 43 58	74 0.0 137 0.0 0.0	0.0 136 0.0 116 36	274 276 258 236 144	141 129 145 142 151	174 202 156 156 187	234 242 203 156 221	353 403 302 239 266	11 12 13 14 15
16 17 18 19 20	22 1 ¹ 4 0.0 0.0 0.0	0.0 0.0 0.0 0.0	157 75 224 91 213	84 115 130 64 127	66 61 45 51 52	0.0 71 0.0 0.0 81	95 44 114 145 95	276 174 216 228 206	151 151 91 157 166	156 156 211 156 156	230 238 222 259 229	69 211 149 107 144	16 17 18 19 20
21 22 23 24 25	0.0 0.0 0.0 123 0.0	104 0.0 0.0 0.0 0.0	130 192 127 77 130	127 125 16 135 127	24 51 48 37 0.0	0.0 138 0.0 0.0	183 82 152 97 202	281 252 229 232 266	154 96 166 186 154	156 187 156 158 314	205 352 253 269 326	0.0 124 59 0.0 106	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 135 0.0	0.0 90 167 372 370	127 77 56 133 58 131	45 127 82 60 87 95	88 0.0 58	0.0 0.0 97 0.0 119 0.0	137 200 213 244 302	231 245 298 293 317 293	154 205 192 151 200	206 197 156 199 205 156	309 307 307 222 307 302	0.0 0.0 150 * 79 0.0	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	22.0 135 0.0 1351	45.8 372 0.0 2727	150 321 37 9203	86.0 135 0.0 5286	55.9 88 0.0 3104	37.5 143 0.0 2309	107 302 0.0 6349	288 498 144 17710	170 281 91 10090	176 314 154 10840	240 352 154 14730	209 442 0.0 12410	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCMARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

- E AND *

			***	AIE	K IE
MEAN		MAXIMU			
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME
174	NR				
		1		1 1	٠)

	MINIM	U M			١
DISCHARGE	GAGE HT.	MO.	DAY	TIME	
0.0					

0	TOTAL	
Г	ACRE PEET	
l	96110	

(LOCATION	4	M	XIMUM DISCHA	RGE	PERIOD O	F RECORD	DATUM OF GAGE			
	ATITUDE LONGITUDE 1/4 SEC. T. &			OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE LONGITU	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 52 45	121 47 29	NE30 12N 2E				APR 24-OCT 38 8 JAN 39-DATE				1	1

Plant located 4.5 mi. E of Robbins. This is drainage returned by pumping. See Sacramento River near Rough and Ready Bend for river stages.

8 - Irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A02955 RECLAMATION DISTRICT 787 DRAINAGE TO SACRAMENTO RIVER

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5 6 7 8											0		1 2 3 4 5 6 7 8
10 11 12 13 14 15													10 11 12 13 14 15
16 17 18 19 20					RECORDS SO	FFICIENT TO	COMPUTE ONLY	MONTALI FLO	NS				16 17 18 19 20
21 22 23 24 25													21 22 23 24 25
26 27 28 29 30 31													26 27 28 29 30 31
MEAN MAX.	3.1	5.3	42.5	23.2	16.8	6.1	6.5	71.7	41.9	38.0	51.4	37.4	MEAN MAX MIN. AC.FT.
MIN. AC. FT.	190	314	2613	1426	933	373	387	4410	2496	2334	3158	2225	AC.FT.

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW - EAND *

MEAN	$\overline{}$	MAXIMU	M			MINIM	Ü M		
DISCHARGE	DISCHARGE	GAGE HT.	MO. DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME

WATER YEAR SUMMARY

TOTAL ACRE FEET 20895

	LOCATION	1	M	XIMUM DISCHA	RGE	PERIOD C	F RECORD	DATUM OF GAGE			
	LOUGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 50 47	121 43 46	NE34 12N 2E				MAY 49-DATE					

Flant located 2.1 mi. SW of Robbins. This is drainage returned by pumping. Daily distribution of flows is not available since the plant operates on an automatic float switch.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME A02976 COLUSA BASIN DRAIN AT HIGHWAY 20

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	235	206	2.400	419	222	102	422	892	1,380	545	662	1.010	1
2	229	204	2,260	554	205	98	497	1.040	1,300	499	667	987	2
3	224	173	1,900	467	188	97	503	1.420	1,080	510	528	975	3
4	192	223	1,990	356	172	115	577	1.570	787	464	508	928	4
5	181	411	2.010	331	169	110	571	1,730	613	449	548	868	5
6	214 *	482	1,550	288	164	94	365	1,760	498	412	573	818	6
7	203	470	1.180	271	160	94	357	1,620	364 *	391	574	856	7
8	165	441	999	255	159 #	96	364	1,530	215	366	588	872	8
9	149	445	952	243	168	93	293	1,590	144	342	575 +	909	9
10	150	569	808	218	152	93 *	270	1,660 *	195	340	537	958	10
11	151	540	661	211	165	94	230	1,690	217	354	528	985	11
.12	181	398	558	223	220	110	197 *		173	396 🐞	466	959	12
13	153	319 *	477	231	218	124	110	1.590	229	391	438	945	13
14	145	555	487	231	206	107	78	1.520	288	368	500	981	14
15	142	149	460	214	185	99	190	1,500	261	393	549	891	15
16	130	160	595	519	189	150	142	1,410	257	379	605	851	16
17	139	166	705 *	1,590	206	180	163	1.320	231	340	665	858	17
18	159	161	878	1,480	176	138	166	1,180	250	355	696	755	18
19	173	141	1.810	1,220	161	138	231	1,030	284	382	724	706	19
20	207	129	1,490	845	149	135	188	948	217	379	705	641	20
21	315	114	1.310	695 +	138	145	225	1,150	225	406	737	600	21
22	401	100	1,370	587	134	148	392	1,100	330	381	813	545	22
23	328	109	1.060	483	129	189	489	869	346	352	890	466	23
24	360	115	748	407	129	295	541	762	368	362	837	454	24
25	333	134	618	358	119	. 402	662	755	416	425	873	451	25
26	341	140	573	311	110	467	563	851	451	458	900	421	26
27	264	151	603	271	107	317	500	944	539	445	926	382	27
28	220	1,040	551	254	113	398	508	1,260	620	490	934	. 365	28
29	229	2,010	519	263		380	679	1,480	531	526	940	354	29
30	210	2,490	481	236		418	768	1,540	523	597	991	337	30
31	218		441	247		408		1,490		622	1.030		31
MEAN	217	413	1,046	460	164	188	374	1,317	444	423	693	737	MEAN
MAX.	401	2,490	2.400	1,590	222	467	768	1,760	1,380	622	1,030	1.010	MAX.
MIN.	130	100	441	211	107	93.0	78.0	755	144	340	438	337	MIN.
AC. FT.	13371	24619	64352	28320	9150	11572	22296	81027	26444	26021	42658	43890	70.71

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

MEAN		MAXIM	J M		
DISCHARGE 543.8	DISCHARGE 2530	9A9E HT. 48.31		1200	0

MINIMUM GAGE HT. MO. DAY TIME DISCHARGE 59.0 37.83 04 13 2245

TOTAL ACRE PEET 393719

	LOCATION	N	_ MA	XIMUM DISCHA	RGE	PERIOD O	F RECORD		DATU	M OF GAGE	
	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LUNGITUDE	M.D.B.&M.	CFS	GAGE NT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
31 11 44	122 03 34	NE34 16N 2W	5120	51.93 50.96	2/21/58 2/18/69	JUN 24-DEC 40 8	JUN 24-DEC 40 8	1957	1957	37.09 0.00	USED

Station located at State Highway 20 Bridge, 3.0 mi. W of Colusa.

8 - Irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02945	COLUSA BASIN DRAIN AT KNIGHTS LANDING	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	228 180 132 132 132	0.0 37 117 164 500	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	187 128 0.0 0.0	0.0 0.0 0.0 0.0	300 428 741 971 805	732 685 620 540 475	260 236 216 224 172	440 394 347 257 306	1180 744 735 718 809	1 2 3 4 5
6 7 8 9 10	156 171 109 63 104	541 798 525 277 427	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 32 14	0.0 0.0 0.0 0.0	1030 93 ⁴ 890 1010 881	495 434 291 194 262	153 44 50 25 12	326 383 402 422 397	673 672 738 783 791	6 7 8 9 10
11 12 13 14 15	81 117 99 117 99	0.0 362 379 292 282	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	37 551 284 0.0	0.0 0.0 0.0 0.0	745 738 698 628 566	0.0 0.0 0.0 44 45	52 88 108 48 32	355 280 217 239 297	948 903 885 871 822	11 12 13 14 15
16 17 18 19 20	63 45 117 99 420	239 203 108 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 412 531 582 620	0.0 0.0 0.0 564	0.0 0.0 0.0 0.0	465 606 513 475 557	42 10 0.0 0.0 4.2	52 48 14 52 62	317 353 446 473 515	757 748 727 660 642	16 17 18 19 20
21 22 23 24 25	213 369 567 374 330	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	620 280 262 206 256	503 200 184 215 0.0	0.0 0.0 511 426 78	613 706 725 763 738	0.0 0.0 12 10 64	50 82 34 14 120	524 548 678 686 655	574 504 444 375 397	21 22 23 24 25
26 27 28 29 30 31	331 277 216 171 171 130	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	201 250 205	0.0 0.0 0.0 0.0 0.0	151 3 ⁴ 10 152 256	706 706 738 788 725 738	72 176 291 343 251	184 136 92 140 204 340	656 666 678 664 666	371 342 277 264 306	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	188 567 45 11530	175 798 0.0 10420	0.0 0.0 0.0 0.0	0.0 0.0 0.0	157 620 0.0 8711	93.5 564 0.0 5750	53.9 511 0.0 3209	707 1030 300 43490	203 732 0.0 12080	108 340 12 6633	462 726 217 28390	655 1180 264 39000	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

TOTAL ACRE PEET

169000

0.00

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

- E AND +

LATITUDE

MEAN		MAXIM	UM				MINIM	UM	
DISCHARGE 234	DISCHARGE NR	GAGE HT.	MO.	DAY	TIME	DISCHARGE O.O	GAGE HT.	MO. DAY	TIME

	M	AXIMUM DISCHARG	E	PERIOD (F RECORD	DATU	M OF GAGE	
1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD	ZERO	REF.
M.D.B.&M.	CES	GAGE HT.	DATE	DISCHARGE	ONLY	FROM TO	GAGE	DATUM

MAY 24-0CT 39 8

JAN 40-DATE

MAY 24-OCT 39 8 1924 JAN 40-DATE

Station located at Knights Landing Outfall Gates, 0.3 mi. W of Knights Landing. Tributary to Sacramento River. Flow regulated by outfall gates.

2/10/42

36.8

ö - Irrigation season only.

38 47 58 121 43 27

LOCATION

SW14 11N 2E

LONGITUDE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A02950	RECLAMATION DISTRICT 787 DRAINAGE TO COLUSA BASIN DRAIN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 3 4 5 5 6 7 8 9 10 11 12 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	ост.	NOV.	DEC.	JAN.				MAY		JULY	AUG.	SEPT.	DAY 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 MEAN	0.0	1.4	4.6	0.0	0.0	0.3	0.8	6.3	0.1	0.0	0.0	2.2	28 29 30 31 MEAN MAX.
MAX. MIN. AC. FT.	0.0	81	284	0.0	0.0	16	49	386	3	0.0	0.0	132	MIN. AC.FT.

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

MAXIM	U M		<i></i>	MINIM
GAGE HT.	MO. DAY	TIME	DISCHARGE	GAGE HT

951

	LOCATION	1	МА	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU		
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 48 03	121 43 28	nw14 11n 2E				JAN 40-DATE					

Plant located 0.3 mi. W of Knights Landing. This is drainage returned by pumping between Knights Landing Outfall Cates and Sacramento River. Daily distribution of flows is not available since the plant operates on an automatic float switch.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A02930	FREMONT WEIR SPILL TO YOLO BYPASS

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5			NF 4,730 10,800 * 11,300 20,300	NF NF NF NF		NF NF NF NF NF							1 2 3 4 5
6 7 8 9			21,600 24,600 21,000 * 17,000	NF NF NF NF		NF NF NF NF NF							6 7 8 9
11 12 13 14 15	N O	N O	18,200 16,600 12,000 7,670 2,490	NF NF NF NF	N O	NF NF NF NF	N O	N 0	N 0	N 0	O	N 0	11 12 13 14 15
16 17 18 -19 20	F L O	F L O	NF NF NF NF	NF NF NF 2,360 20,300	F L O	NF NF NF NF NF	F L O	F L O	F L O	F L O	F L O	F L O	16 17 18 19 20
21 22 23 24 25	W	W	NF NF NF NF	22,300 18,800 14,400 10,100 6,240	W	NF NF NF NF	W	W	W	พ	W	W	21 22 23 24 25
26 27 28 29 30 31			NF NF NF NF	3,310 262 NF NF NF NF		NF NF NF 3,730 1,380 NF							26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.			6,622 24,600 0.0 407,200	3,164 22,300 0.0 194,500		165 3,730 0.0 10,140							MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW
- E AND *

MEAN		MAXIMU	I M				MINIM	U M						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY					
846	25,100		12	7	0900	0.0		10	1	0000				

TOTAL ACRE PRET 611,840

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	CONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE			то	GAGE	DATUM	
			294,000		12-23-1955	JAN 1935-DATE					

See Sacramento River at Fremont Weir, East End, and Sacramento River at Fremont Weir, West End, for stage records and locations. Elevation of weir crest is 33.50 feet, USED datum; length of crest is 9,120 feet.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A02972 BUTTE SLOUGH NEAR MERIDIAN

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	94	113	28,800	1,400	1,720	369	3,070	333	1,060	269	316	495	1
2	97	110	24.700	1,430	1 :440	336	2,630	361	1,100	275	319	499	2
3	98	110	19:000	1:390	1,340	303	2,270	463	1,110	276	322	476	3
4	92	116	18,500	1.370	1,270	288	1,960	611	1,030	302	326	404	4
5	88	123	24,200	1.340	1,210	278	1,750	765	986	299	332	325	5
6	86	157	38,100	1,300	1+150	271	1,500	927	953	281	350	296	6
7	85	261	37,100	1 + 240	1 + 110	261	1+400	1:040	905	266	365	285	7
	83 *	424	30,200	1,160	1.060	256	1.340	1+040	822	249	373	264	
	84	374	28,200	1.050	1,010	243	1.290	986	764 *	230	392	265	9
10	87	343	31,500	950	974	233	1,270	999	733	219	386	272	10
11	89	507	31,700	904	930 •	215	1,240	991	700	. 238	383 *	289	11
.12	90	532	25,800	898	894	199	1.210	960	634	262	383	294	12
13	93	500	20,400	919	872	326	1,160	947	505	263	349	286	13
14	93	412	15,300	916	867	759	1+140 *	990	392	254 *	331	279	14
15	90	332	10,700	933	873	985	1+110	1,060	336	247	326	274	15
16	92	307 *	1	1,020	867	1,020	1.080	1,080	285	251	311	275	16
17	89	345	6,270	4+140	859	992	1.050	1,090	241	254	292	282	17
18	87	498	8,490	21,900	844	824	1.020	1.100 *	218	256	293	265	18
19	88	536	9,610	32,300	815	637	976	1.090	193	266	279	253	19
20	92	520	8,580	30,600	774	497	896	1,050	188	275	271	261	20
21	97	503	6,420	26,200	709	409	744	1+040	188	313	294	269	21
22	109	486	7,280	21,900 *	635	367	672	1.100	179	340	348	284	22
23	118	468	9:080	17,900	599	347	581	1,100	171	325	367	303	23
24	124	413	6 • 420	14,900	521	454	448	991	169	309	386	316	* 24
25	134	389	4+330	12.600	463	, 834	398	937	171	297	421	319	25
26	139	392	3,280	10,800	468	1,010	393	918	169	291	441	329	26
27	131	398	2,620	9,270	418	2,590	391	919	175	279	457	333	27
28	127	497	2,100	7.730	389	8,970	344	970	201	264	393	341	28
29	125	2,030	1,750	5,110		6,760	315	1 • 0 4 0	256	260	418	329	29
30	121	18,400	1:480	3,150		4,770	317	1,080	272	280	451	314	30
31	116		1,410	2,220		3,750		1,070		296	485		31
MEAN	101	1,019	15,191	7,707	895	1,275	1,132	937	503	273	360	315	MEAN
MAX.	139	18,400	38,100	32,300	1.720	8,970	3,070	1.100	1,110	340	485	499	MAX.
MIN.	83.0	110	1:410	898	389	199	315	333	169	219	271	253	MIN.
AC. FT.	6224	60686	934056	473930	49747	78452	67369	57616	29962	16832	22136	18795	AC.FT.

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

MEAN DISCHARGE 2508.1

WATER YEAR SUMMARY MAXIMUM GAGE HT. MO. DAY TIME DISCHARGE 40900 55.20 12 06 1730

MINIMUM DISCHARGE MO. DAY TIME 82.0 39.66 10 80 1730

TOTAL ACRE FEET 1815805

	LOCATION	LOCATION MAXIMUM DISCHARGE				PERIOD (OF RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	Z ERO ON	REF.
LATITODE	LONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 10 05	121 53 28	NE7 15N 1E				JAN 39-DATE	NOV 34-MAY 37 #	1934		0.00	USED

Station located on right bank 0.5 mi. upstream from Farmland Road 1.7 mi. NE of Meridian. Tributary to Sutter Bypass. Flow affected by gate operation. Flow during summer months is made up almost entirely of return water from lands irrigated by Feather River diversions. During flood periods, Sacramento River water enters Butte Basin above Butte City from bank spill and spill over Moulton and Colusa Weirs.

^{# -} Flood season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A05929	WADSWORTH CANAL NEAR SUTTER

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	129	71	302	84	48	29	99	58	262	75	112	130	1
2	125	65	305	143	47	29	122	177	222	70	114	140	2
3	121	69	212	93	44	29	131	290	186	69	72	128	3
4	124	73	371	87	43	29	124	327	171	75	80	122	4
5	112	72	341	80	41	28	106	313	209	70	101	163	5
6 7 8 9	121 92 97 * 114 120	89 97 84 75 75	229 188 170 * 159 132	76 73 67 62 62	41 41 40 39 38	40 41 75 76 116 *	110 123 124 94 51	252 199 200 208 188	203 160 135 94 * 100	36 37 14 36 77	107 117 149 158 157	167 150 137 144 149	6 7 8 9
11	112	76	147	62	38 *	195	73	170	78	101	146 *	163	11
12	115	74	127	62	38	238	124	124	89	132	140	186	12
13	117	73	124	77	38	218	108	136	117	97	135	217	13
14	116	71	110	69	37	208	106 *	183	98	104 *	159	196	14
15	129	66	110	69	37	202	65	198	77	79	175	165	15
16	137	61 *	128	138	35	188	53	184	71	93	158	180	16
17	140	63	107	137	21	156	40	167 *	72	109	140	142	17
18	152	67	170 *	137 *	32	148	34	129	53	136	128	147	18
19	171	65	161	98	32	172	42	132	48	98	121	153	19
20	178	61	128	101	32	187	83	152	59	82	124	196	20
21	198	57	191	82	32	189	108	230	66	92	130	246	21
22	222	55	144	63	32	146	106	166	49	96	132	275	22
23	186	57	116	71	31	136	82	137	60	108	127	253	23
24	149	59	104	62	31	172	39	133	77	118	121	218 *	24
25	117	55	93	59	29	194	90	140	67	116	102	220	25
26 27 28 29 30 31	105 98 99 101 92 83	49 55 126 572 529	99 94 90 99 94 86	47 45 44 37 27 50	30 30 30	191 171 200 146 132 128	109 76 18 34 45	130 126 199 246 276 252	81 104 116 100 79	103 100 98 93 105 101	127 147 146 157 135 137	219 222 178 148 154	26 27 28 29 30 31
MEAN	128	102	159	76.3	36.0	136	84.0	188	110	87.7	131	177	MEAN
MAX.	222	572	371	1 ¹ 43	48	238	131	327	262	136	175	275	MAX
MIN.	83	49	86	27	21	28	18	58	48	14	72	122	MIN.
AC. FT.	7878	6071	9780	1689	1997	8348	4996	11550	6551	5395	8041	10530	AC.FT.

- ESTIMATED

NO RECORD
DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

- E AND *

			W	ATE	R YEA	R SUMMAR	Y			
MEAN		MAXIMI	J M				MINIM	U M		
DISCHARGE 118	DISCHARGE NR	GAGE HT.	MO.	DAY	TIME	DISCHARGE NR	GAGE HT.	MO.	DAY	TIME

TOTAL ACRE FEE 85830

	LOCATION			XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORE		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE LONGI	LUNGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 09 12	121 44 00	NE15 15N 2E		51.19	12/25/64	MAR 61-DATE	MAR 61-DATE	1961		0.00	USED

Station located at South Butte Road Bridge, 0.9 mi. E of Sutter. Tributary to Sutter Bypass. This station and one 2.2 mi. downstream are used to determine the slope for rating of canal. This flow and flow of Butte Slough to Sutter Bypass make up entire Feather River contribution to the Sutter Bypass. Records for January 1939 to March 1961 previously published as Wadsworth Canal at Butte House Road.

(IN CUBIC FEET PER SECOND)

WATER YEAR S	TATION NO.	STATION NAME
1971	A05921	STATE PUMPING PLANT 2 DRAINAGE TO SUTTER BYPASS

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	43 48 48 51 51	16 21 24 21 30	181 281 216 204 208	0.0 58 58 51 31	30 31 31 28 21	99 100 103 102 104	0.0 0.0 0.0 0.0	95 167 215 230 228	220 198 176 176 167	132 129 121 122 127	166 179 193 186 180	217 223 227 217 205	1 2 3 4 5
6 7 8 9 10	51 56 50 43 48	28 24 26 40 36	190 173 173 173 171	28 36 24 0.0 0.0	0.0 0.0 18 13 24	104 100 89 59 36	0.0 0.0 0.0 0.0	202 172 171 183 182	138 105 127 71 84	106 94 93 80 72	183 180 181 184 174	215 221 207 207 233	6 7 8 9 10
11	58	24	128	47	54	0.0	0.0	173	91	91	173	221	11
12	51	21	117	66	75	0.0	16	189	112	104	169	199	12
13	48	28	118	54	85	35	14	186	116	112	170	200	13
14	50	31	104	57	82	19	31	167	118	136	186	202	14
15	48	38	96	48	72	0.5	48	155	119	136	200	165	15
16	48	40	54	0.0	60	0.0	41	147	96	137	215	163	16
17	48	32	144	0.0	57	2.1	16	144	85	139	209	169	17
18	48	21	99	65	56	0.0	31	144	85	134	206	126	18
19	50	23	145	82	64	0.0	26	145	101	132	194	108	19
20	54	21	121	90	76	0.0	21	155	105	137	207	115	20
21	53	26	105	90	80	0.0	31	23 ¹ 4	105	133	212	126	21
22	38	30	106	86	88	0.0	28	253	114	128	256	133	22
23	24	30	100	76	92	11	14	122	104	145	253	127	23
24	30	28	99	74	92	42	16	162	101	178	215	103	24
25	30	32	0.0	67	96	50	26	180	108	180	223	80	25
26 27 28 29 30 31	21 21 21 18 18 16	28 28 71 284 243	67 60 60 60 50 46	58 6 5 59 54 0.0	98 98 100	0.0 0.0 0.0 0.0 0.0	24 34 35 35 56	206 241 198 265 283 278	110 123 124 120 120	188 155 143 154 153 149	216 217 221 214 206 208	71 59 60 59 53	26 27 28 29 30 31
MEAN	41.4	44.8	124	48.0	57.9	34.1	18.1	189	121	130	199	157	MEAN
MAX.	58	284	281	90	100	104	56	283	220	188	256	233	MAX.
MIN.	16	16	0.0	0.0	0.0	0.0	0.0	95	71	72	166	53	MIN.
AC. FT.	2543	2668	7634	2953	3215	2094	1077	11650	7178	8013	12250	9342	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW
- E AND *

MEAN		MAXIMI	M		MINIMUM						
DISCHARGE 97.0	DISCHARGE NR	GAGE HT.	MO. DA	TIME	DISCHARGE 0.0	GAGE HT.	MO.	DAY			

TOTAL ACRE FEET 70620

	LOCATIO	N	M.	AXIMUM DISCHA	RGE	PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 01 34	121 43 32	SW26 14N 2E				MAY 67-DATE					

Plant located on east levee at west end of O'Bannon Road, 9.8 mi. SW of Yuba City. This is drainage returned by pumping and gravity.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A05922 RECLAMATION DISTRICT 1660 DRAINAGE TO SUTTER BYPASS

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	9.5 8.4 7.6 7.9 8.2	5.7 5.2 5.2 6.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 14 22 23	37 41 37 36 37	3.0 3.1 3.2 3.5 3.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	1 2 3 4 5
6 7 8 9 10	7.9 7.1 8.4 8.2 5.7	3.3 8.6 6.8 3.3 7.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	3.8 21 24 30 27	41 21 5.0 6.8 9.7	14 2.7 4.2 5.9 2.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	6 7 8 9
11 12 13 14 15	5.7 5.4 5.2 5.4 5.4	7.3 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	12 10 13 25 29	11 11 14 6.5 7.6	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	11 12 13 14 15
16 17 18 19 20	4.1 4.6 4.9 4.9 5.2	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	27 26 24 46 23	7.7 8.9 8.7 2.0 2.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	16 17 18 19 20
21 22 23 24 25	7.1 5.4 4.9 7.1 6.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	29 38 32 32 24	2.5 5.9 5.7 5.7 3.6	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	21 22 23 24 25
26 27 28 29 30 31	5.4 4.6 5.4 5.2 5.2	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	26 13 27 38 48 42	3.8 3.9 8.1 5.2 9.3	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 17 8.2 1.3 2.2	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	6.2 9.5 4.1 381	2.2 8.6 0.0 128	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	24.2 48 0.0 1485	13.5 41 2.0 804	1.5 14 0.0 90	0.0 0.0 0.0 0.0	1.0 17 0.0 57	MEAN MAX. MIN. AC.FT.

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW
- E AND +

		WATER	YEAR	SUMMAR	Y
	MAXIMU	J M			N
DISCHARGE	GAGE HT.	MO. DAY	TIME	DISCHARGE	T

MINIMUM GAGE HT. MO. DAY DISCHARGE 0.0

TOTAL ACRE PEET 2945

	LOCATION		M.	XIMUM DISCHA	RGE	PERIOD 0	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	OD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 01 57	121 44 33	NW27 14N 2E				MAY 54-DATE				0.00	USED

Plant located 9.9 mi. SW of Yuba City, 8.5 mi. E of Grimes. This is drainage returned by gravity.

MEAN DISCHARGE 4.0

NR

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A02963 RECLAMATION DISTRICT 1660 DRAINAGE TO TISDALE BYPASS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	90 90 92 138 95	48 47 49 44 42	43 42 32 34 35	3.2 14 5.9 6.4 17	57 53 53 55 50	25 47 64 57 48	63 87 51 55 46	25 15 24 46 27	48 46 45 34 39	34 41 39 38 33	1 2 3 4 5
6 7 8 9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	88 110 88 88 88	36 27 32 32 36	32 29 31 15 23	6.4 6.6 6.7 6.7 6.6	21 7.3 0.0 0.0 0.0	43 37 64 73 64	38 31 31 38 28	51 22 24 13 13	38 37 37 36 36	37 21 22 25 36	6 7 8 9 10
11 12 13 14 15	0.0 0.0 0.0 0.0	0.0 0.0 26 23 19	88 88 88 92 64	31 31 33 32 32	24 24 22 25 19	6.6 6.6 31 23 5.0	0.0 0.0 16 21 33	64 42 65 66 63	33 40 30 25 40	11 17 12 11 11	36 39 39 39 40	32 29 19 63 45	11 12 13 14 15
16 17 18 19 20	0.0 0.0 0.0 0.0	20 20 20 20 21	92 70 43 92 90	61 57 71 80 74	12 23 20 21 20	10 17 14 18 14	18 24 27 27 27 30	59 45 59 17 30	39 29 30 19 20	38 56 60 35 31	46 44 38 46 46	26 28 29 28 27	16 17 18 19 20
21 22 23 24 25	0.0 0.0 0.0 0.0	22 21 22 21 20	77 82 69 71 60	75 68 64 58 63	24 26 15 18 21	21 23 33 22 29	24 7.2 3.0 0.0 0.0	31 50 35 28 30	27 28 19 33 19	19 32 36 35 35	45 44 41 65 59	26 25 24 24 23	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 0.0 0.0	21 21 31 63 129	58 57 49 56 50 47	57 54 58 47 47 48	2.5 5.5 13	21 38 16 17 20 20	0.0 0.0 11 15 12	31 21 37 54 78 57	29 37 31 31 36	39 35 36 36 36 36	59 56 56 52 51 52	21 20 15 * 35 28	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	0.0	18.0 129 0.0 1071	79.0 138 43 4860	49.5 80 27 3043	23.2 43 2.5 1291	15.6 38 3.2 961	13.5 33 0.0 802	47.9 78 17 2943	35.4 87 19 2108	29.6 60 11 1819	44.8 65 34 2755	29.8 63 15 1771	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED NR — NO RECORD

* — DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

MEAN.		MAXIM	JM				MINIM	U M		
DISCHARGE 32.2	DISCHARGE	GAGE HT.	MO.	DAY	TIME	O.O	GAGE HT.	MO.	DAY	TIME

23420

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 01 44	121 46 53	SE30 14N 2E				JAN 25-DATE		1			

Plant located on north levee of Tisdale Bypass, 2.1 mi. E of Tisdale Weir, 6.8 mi. SE of Grimes. This drainage returned by pumping and gravity.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME

1971 A02926 RECLAMATION DISTRICT 1500 DRAINAGE TO SACRAMENTO SLOUGH

YAC	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	64 36 73 0.0 85	0.0 48 0.0 48	623 753 608 684 480	329 229 213 202 198	180 173 155 136 152	61 53 45 59 51	0.0 138 54 140 140	277 387 470 356 568	476 464 332 336 293	337 341 293 259 294	235 300 259 312 350	386 303 317 261 296	1 2 3 4 5
6 7 8 9	0.0 85 0.0 60 30	60 0.0 53 0.0 53	455 393 416 356 33 ⁴	190 180 172 165 142	125 141 134 119 103	45 55 41 57 69	117 141 141 125 32	405 357 361 390 361	274 271 273 270 276	29 ⁴ 241 279 263 247	312 201 263 321 324	323 304 316 399 416	6 7 8 9
11 12 13 14 15	0.0 48 0.0 54 0.0	0.0 55 0.0 47 0.0	262 359 292 270 384	166 150 153 149 149	96 104 104 104 104	37 39 105 64 154	182 111 63 143 95	348 369 365 339 321	281 284 279 287 353	272 242 261 251 238	324 304 323 335 286	538 522 365 415 336	11 12 13 14
16 17 18 19 20	48 0.0 24 48 0.0	48 24 0.0 52 45	371 330 376 39 ⁴ 522	172 187 216 240 235	96 96 89 97 89	0.0 71 0.0 44 0.0	127 159 203 151 196	344 316 252 232 241	330 387 395 371 390	249 247 263 247 268	302 335 290 344 392	312 187 233 152 138	16 17 18 19 20
21 22 23 24 25	24 48 0.0 55 0.0	0.0 0.0 39 0.0 39	467 400 313 296 288	236 237 238 317 223	48 42 46 52 57	76 0.0 68 62 68	108 178 222 247 301	365 347 286 3 02 3 9 2	375 358 401 405 420	263 251 264 256 214	351 372 375 424 446	160 136 152 131 117	21 22 23 24 25
26 27 28 29 30 31	55 0.0 48 0.0 48 0.0	0.0 45 56 716 357	190 230 247 240 209 216	230 228 218 218 208 190	49 53 53	75 70 68 135 176 45	172 239 226 276 285	426 417 512 566 554 358	425 488 471 451 421	268 272 268 301 346 243	417 559 357 406 377 387	102 104 160 123 106	26 27 28 29 30 31
AEAN MAX. MIN. AC. FT.	30.1 85 0.0 1851	59.5 716 0.0 3540	379 753 190 23320	206 329 142 12650	99.9 180 42.0 5548	61.1 176 0.0 3755	157 301 0.0 9346	37 ⁴ 568 232 22980	362 488 270 21510	269 346 214 16530	3 ⁴ 1 559 201 20990	260 538 102 15490	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

ATED	MEAN		MAXIMU	JM			MINIM	U A
CORD ARGE MEASUREMENT OR	DISCHARGE 217	DISCHARGE NR	GAGE HT.	MO. DAY	TIME	DISCHARGE 0.0	GAGE HT.	M
VATION OF NO FLOW							1	_

ACRE FEET 157300

	LOCATION	1	M	XIMUM DISCHA	ARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	•	OF RECORD		DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 47 05	121 39 18	NE20 lin 3E				APR 30-0CT 38 8 JAN 39-DATE					

Plant located on west levee of Sutter Bypass, 3.7 mi. SE of Knights Landing. This is drainage returned by pumping and gravity.

ö - Irrigation season only.

ESTIMA

(IN CUBIC FEET PER SECOND)

WATER YEAR S	TATION NO.	STATION NAME
1971	A02925	SACRAMENTO SLOUGH AT SACRAMENTO RIVER

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	337 369 382 342 397	220 237 244 282 275	F F F	F F F F	F F F	636 617 571 575 534	F F F	656 866 1200 1460 1640	1990 1940 1850 2000 1860	740 789 713 630 662	612 672 724 659 670	1110 1120 1120 1130 1070	1 2 2 4 5
6 7 8 9	334 375 284 329 * 288	358 387 609 795 783	न न न	F 2940 2530 2200 1870	3510 3070 2640 2190 1760	329 526 524 268 279	F F 2320 2470	1590 1560 1620 1620 1610	1700 1640 1570 1380 1250	654 615 569 486 446	692 736 731 784 854	1010 1020 1000 956 1020	6 7 8 9 10
11 12 13 14 15	283 305 306 329 297	695 936 870 798 565	म म म म	1690 989 880 1220 1630	1560 1380 1370 1270 1260	252 362 728 0.0 988	2200 1940 1670 1900 1550 *	1500 1620 1620 1480 1580	1150 1100 1070 1010 * 919	452 485 580 577 522 *	833 756 749 * 772 860	1140 1310 1040 1060 1090	11 12 13 14 15
16 17 18 19 20	310 241 256 273 279	511 413 * 374 451 640	म म म म	1310 F F F F	1180 * 1150 1140 1080 1070	1610 1580 1750 1540 1270	1410 1490 1740 1590 1500	1620 1670 1660 1700 * 1720	845 773 727 699 682	521 517 577 607 583	869 895 870 830 791	976 971 920 884 771	16 17 18 19 20
21 22 23 24 25	333 340 313 366 295	687 668 713 678 715	7 7 7	7 7 7	1060 974 880 821 795	1100 937 873 788 563	1300 1290 1180 1040 939	1730 1780 1750 1670 1580	670 662 634 634 655	593 495 634 669 683	829 867 983 993 977	773 774 882 836 814	21 22 23 24 25
26 27 28 29 30 31	316 258 291 264 276 250	537 662 804 0.0 F	ম ম ম	7 7 7 7	705 688 671	0.0 F F F F	93 ¹ 4 899 876 787 606	1570 1510 1540 1470 1560 1860	614 636 743 833 819	670 604 574 570 579 545	1060 1090 1080 1110 1040 1040	768 766 * 772 752 709	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	310 397 241 19080	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	1549 1860 656 95230	1102 2000 614 65560	592 789 446 36380	853 1110 612 52420	952 1310 709 56660	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

08 SERVATION OF NO FLOW

- E AND *

MEAN		MAXIMI	JM			MINIM	U.M.	
DISCHARGE	DISCHARGE	GAGE HT.	MO. DAY	TIME	DISCHARGE	GAGE HT.	MO. DAY	TIME
				السل				

Г	ACRE PEET	
П	NR	
		ノ

TOTAL

	LOCATION	4	MAXIMUM DISCHARGE			PERIOD O	PERIOD OF RECORD			DATUM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		OF RECORD PAGE GAGE HEIGHT P		RECORD DISCHARGE GAGE HEIGHT PERIOD		HOD	ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
38 46 52	121 38 27	SE21 11N 3E		T		JUN 24-OCT 39 8	APR 45-DEC 46 8					

Station located 0.5 mi. above mouth, 4.6 mi. SE of Knights Landing. During low flows this represents combined flows of Sutter Bypass and Reclamation District 1500. During high flows (above gage height $26.0\pm$) the slough is entirely submerged as it lies within the bypass area. Sharp rises in the Sacramento River cause zero or negative flow.

A - An undetermined amount of negative flow. F - Flooded. $\ensuremath{\delta}$ - Irrigation season only.

AILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME FEATHER RIVER, MIDDLE FORK, NEAR PORTOLA 1971

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	13 *	38	167	98	417	820 #	909	720	1,110	201	44	21 4	. 1
2	14	38	147	98	405	210	768	739	1,150	205	40	22	2
3	14	38	190	90	395	179 #	680	879	1.100	205	36	21	l a
4	15	38	351	71	297	237	619	1.050	966	187	32	19	4
5	15	48	501	62	171	294	592	1,170	832	165	30	16	5
6	15	60	140	55	185	325	604	1,200	751	139 #	28 •	18	6
7	15 #	71	154	52 *	231	304	655	1,150	691	127	27	19	7
	15	87	248 #	56	236	293	758	1,290	624	118	29	15	
•	16	102	500	59	238	343	752	1,590	544	109	29	13	9
10	17	97	764	65	185 *	400	858	1,780 #	507	95	29	15	10
11	18	85	- 621	76	182 *	490	901	1,580	461	85	28 .	15	11
12	19	91	514	77	808	919	915	1,440	356	80	27	14	12
13	19	92 *	270	64	254	1,520	.911	1,310	345	77	25	13	13
14	50	95	193	51	301	3,020	955	1,260	335	73	22	13	14
15	5.0	92	114	134	371	2,210 *	921 *	1,200	317 *	71	19	14	15
16	21 *	80	79	344	466	1,600	918	1,140	295	65	20	14	16
17	23	7.0	75	262	573	1,700	952	1,110	270	63	19 *	15	17
18	24	64	75	281	555	1,460	988	1,070	246	64	19	14	18
19	24	62	75	298	469	1,470	975	988	217	6υ	17	13	19
20	27 *	60	75	317	431	1,360	910	853	186	59	15	13	20
21	28	58	90	337	415	1,450	865	800	162	60	15	13	21
22	32	58	94	395	357	1,520	830	809	149	57	16	12	22
23	38	57	97	563	334	1.740	783	831	141	55	22	13	23
24	39	59 *	92	687	334	2,650 .	731	837	130	52	20	16	24
25	40	79	90	676 #	331	2,100	723	797 *	123	50	29	16	25
24	42	102	94	627	347	3,600	849	721	139	50	28	17	26
26 27	40	166	95	582	339	6.050	906	697	162	48	28	20	27
28	38	264	96	542	264	3,380	880 *	706	179	47 #	24	23	28
29	37	294	100 *	506		1.770 *	802	735	198 *	45	23	23	# 29
30	37	254	98	469		1,230	742	835	198	47	22	28	30
31	38	£24	`97	437		1,030		1,040	•••	46	20		31
MEAN	24.9	93.3	199	272	331	1,454	822	1,042	429	90.4	25.2	16.6	
MAX.	42.0	294	821	687	573	6.050	988	1.780	1,150	205	44.0	28.0	MAX
MIN.	13.0	38.0	75.0	51.0	171	179	592	697	123	45.0	15.0	12.0	MIN.
AC. FT.	1533	5552	12270	16723	18430	89403	48936	64120	25555	5558	1551	988	AC.FT

WATER YEAR SUMMARY MAXIMUM DAGE HT. MO. DAY

TIME

03 27 0645

DISCHARGE

12.0

MINIMUM GAGE HT. MO. DAY

1,99

TIME

09 13 2300

TOTAL ACRE FEET

290618

E -- ESTIMATED

NR -- NO RECORD

-- DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

-- E AND *

	LOCATION			XIMUM DISCH	ARGE T	PERIOD (OF RECORD	DATUM OF GAGE			
LATITUDE LONGITUDE		1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 49 13	120 26 25	NE 29 23N 14E	9,300	10.34	3-18-1967	NOV 1955-DATE	NOV 1955-DATE	1955 1965	1965	0.00	LOCAL

9.64

Station located south of State Highway 70, 1.8 miles northeast of Portola. Stage-discharge relationship at times affected by ice.

MEAN

401.4

DISCHARGE

6580

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A54455 RED CLOVER CREEK ABOVE ABBLY BRIDGE DAMSITE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.7	1.4	2.6	8.6	70	47	415	239	300 *	23	4.5	2.24	,
2	1.9#	1.6	1.6	8.7	71	45	422	248	291	21	4.3	2.3	2
3	1.7	1.6	0.5	8.5	67	41 *	431	331	306	19	4.0	2.4	3
4	1.7	2.4	6.2	11	62	33	442	404	272	18	3.8	2.3	4
5	1.9	7.6	17	14	60	32	464	345	265	17	3.7	2.3	5
6	2.0	7.3	20	14 *	58	32	483 #	309	209	16 #	3.6	2.4	6
7	2 • 1 *	5.7	51	14	62	27	434	282	179	15	3.5	2.3	7
	2.1	2.5	31	14	59 *	27	379	447	159 *	14	3.4	2.4	
9	2.4	3 - 1	41 *	14	58	28	391	358	143	14	3.3	2.4	9
10	2.3	7.7*	31	17	53	29	498	318 *	132	14	3.4	5.5	10
11	5.0	3.9	25	55	69	38	341	326	120	13	3 • 3	2 • 1	11
12	1.8	8.5	17	32	84	101	325	393	108	13	3.2	2.0	12
13	1.9	4.9	12	51	95	133	330	328	101	13	3.1	2.0	13
14	1.9	3.0	10	61	105	111	334	295	90	12	2.9	2 • 1	14
15	1.9	2.2	8.4	55	116	85	348	257	81	12	2.9	1.9	15
16	1.8	1.6	4.8	59	119	88	344	228	74	11	2.6	1.9	16
17	1.9	1.5	7.8	86	91	99	360	195	68	12	2.6	2.2	17
18	2 • 1	1.3	8.7	178	76	81	286	170	62	15	2.4	2.0	18
19	2.3	1 • 1	7.4	235	73	77	236	148	57	12	2.6	2.3	19
20	2.6	0.9	7.0	250	69	95	531	136 *	54	5.7	2.6	2.4	20
21	2.5	1 • 2	8.1	239	67	136	211	165	48	4.5	2.6	2.4	21
22	8.5	1.2	7.8	197	55	196	183	558	42	7.0	2 • 4	2.9	22
23	3 • 3	1.2	6.9	157	48	480	170	201	37	7.3	2.4	5.2	23
24	4 • 1	1.0	6.5	132	46	527	161	157	33 *	7.1	2 • 4	4 • 4	24
25	2.5	14	7.4	108	51	483	175	142	30	6.7	2.4	3.1	25
26	2.0	16	8.9	90	51	1,150	276	135	42	6.6	2.4	3.2	26
27	1.5	8.0	9.8	81	51	707	515	147	60	6.2	2 • 5	3.6	27
28	1.6	5.6	9.4	75	47	555	207	161	37	5.8	2 • 5	3.2	28
29	1 • 4	7.8	6.4	71		554	218	176	30	5.5	2.6	3.7	29
30	l • 5	5.8	11	69		622	224	210	26	5.0	2•5	5 • 0	30
31	1.6		9.3	70		485		270		4.8	2.4		31
MEAN	2.1	4.4	12.0	78.7	69.0	230	317	250	115	11.5	3.0	2.7	MEA
MAX.	4 • 1	16.0	41.0	250	119	1.150	498	447	306	23.0	4.5	5.2	MAX
MIN.	0.7	0.9	0.5	8.5	46.0	27.0	161	135	26.0	4.5	2.4	1.9	MIN
AC. FT.	127	261	737	4837	3834	14170	18904	15370	6855	707	184	160	AC. FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

MEAN 91.4

MAXIMUM GAGE HT. M DISCHARGE MO. DAY TIME 1320 9.20 03 26 0830

MINIMUM GAGE HT. MO. DAY TIME DISCHARGE 2.57 0.0 12 03 0445

TOTAL ACRE PEET 66146

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	100	ZERO	REF.
LATTIONE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 58 05	120 31 09	SE 4 24N 13E	3,460 E	11.36	12-22-1964	DEC 1962-DATE	DEC 1962-DATE	1962		0.00	LOCAL

Station located above bridge on Forest Service road, 13 miles east of Genesee, 11 miles north of Portola. Stage-discharge relationship at times affected by ice. Drainage area is 87.9 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A54750	LAST CHANCE CREEK AT DIXIE REFUGE DAMSITE	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
-1	0.0	0.7	0.5	5.4	55	15	107	101	208	7.6	1.4	0.2*	,
2	0.0	1.0	1.8	5.4	24	14	113	110	186	6.5	1.4	0.2	2
3	0.1	1.0	0.1	3.9	2.5	13 #	114	190	166	6.2	1.3	0.2	3
4	0.1	1.1	0.5	2.9	22	10	118	249	183	6.1	1.3	0.2	4
5	0.1	2.6	1.2	2.4	21	7.7	122	183 *	164	5.7	1.1	0.2	5
6	0.1	2.4	20	2.24	21	7.2	126 .	159	122	5.10	1.1.	0.2	6
7	0.1*	1.9	14	2.2	18	5.9	118	148	102	4.8	1.0	0.2	7
	0.1	1.4	11	2.2	16 #	8.1	100	277	89 •	4.3	1.0	0.2	
9	5.0	1.6	12 *	1.9	14	8.8	106	189	80	3.9	1.0	0.2	9
10	0.2	۶۰3€	10	3.7	18	8.4	134	163	72	3.7	1.0	0.2	10
11	0.2	2.1	7.1	11	27	17	92	177	63	3.7	1 • 0	0.2	11
12	0.2	2.6	6.3	24	32	37	89	187	58	3.5	0.7	0 • 2	12
13	0.1	1.6	7.3	42	38	41	95	163	52	3.2	0.7	0.2	13
14	0.2	1.4	5.4	49	38	22	104	145	47	3.2	0 • 7	0.2	14
15	0.2	1.2	3.6	53	43	16	104	128	42	2.7	0.7	0.5	15
16	0.4	0.7	2.9	62	30	20	101	113	37	2.7	0.7	0.2	16
17	0.5	0.7	4.2	56	23	24	116	97	33	2.7	0.4	0.2	17
18	0.7	0.7	3.7	254	55	20	97	85	28	3.3	0.4	0.2	18
19	0.7	0.6	3.6	282	14	22	76	70	25	3.5	0.4	0 • 4	19
20	0.8	0 • 4	3.2	185	13	30	70	66	52	3.2	0 • 4	0 • 4	20
21	0.8	0.4	5.0	103	14	45	70	92	19	3.0	0 • 4	0.4	21
22	0.9	0.6	4.8	62	13	71	60	220	16	2.2	0.4	0.4	22
23	1.0	0.4	3.8	44	11	183	56	152	14	2.0	0.2	0.4	23
24	1.0	0.2	3.6	35	12	151	57	118	12 *	1.8	0.2	0.4	24
25	0.9	5.1	3.2	24	13	139	69	102	10	1.7	0.2	0.2	25
26	0.7	4.1	2.9	20	13	346	191	86	20	1.6	0 • 2	0 • 4	26
27	0.7	1.2	2.7	19	10	179	116	132	26	1.6	0 • 2	0 • 4	27
28	0.7	0.9	2.9	19	12	150	96	126	15	1.4	0 • 2	0 • 4	28
29	0.7	1.1	8.0	19		166	93	162	11	1.3	0.2	0.7	29
30	0.7	0.7	8.5	20		174	94	177	8.7	1.2	0.2	0.7	30
31	0.7		. 7.2	55		121		205		1.2	0.2		31
MEAN	0.4	1.4	5.5	46.3	20.6	66.8	100	147	64.4	3.4	0.7	0.3	MEA
MAX.	1.0	5.1	20.0	282	43.0	346	191	277	208	7.6	1 • 4	0.7	MAX
MIN.	0.0	0.2	0 • 1	1.9	10.0	5 • 9	56.0	66.0	8.7	1.2	0.2	0.5	MIN
AC. FT.	27	85	339	2847	1142	4110	5958	9062	3829	207	40	17	AC.FI

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

— E AND *

WATER	YEAR	SUMMAR'

			w	MIE	K IEAI	COMIMANI				
MEAN		MAXIMU	J M				MINIM	JM		$\overline{}$
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
38.2	435	2.73	05	22	1745	0.0	0.96	10	01	0700
,		ļ.	1		1 /		i	l		

TOTAL ACRE FEET 27666

	LOCATION MAXIMUM DISCHARGE				PERIOD C	DATUM OF GAGE							
		1/4 SE	C. T. &	R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO ON	REF.
LATITUDE	LONGITUDE		.B.&M.		CFS	GAGE HT.	DATE	DISCHARGE	OHLY .	FROM	TO	GAGE	DATUM
40 05 28	120 21 46	SE 23	26N	14E	1,570 E	7.42	12-22-1964	OCT 1964-DATE	JULY 1963-DATE	1963 1968	1968	0.00	LOCAL

Station located on Forest Service road, 5.7 miles south of Milford. Tributary to Indian Creek via Red Clover Creek. Stage-discharge relationship at times affected by ice. Maximum discharge listed is at site and datum then in use. Prior to October 2, 1968, station located 0.8 mile downstream.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A54370 INDIAN CREEK NEAR TAYLORSVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	44 4	65	206	159	407	273	1,860	1,580	2,360	484	214	163	1
2	43	63	241	151	390	245 #	1,870	1.640	2,240	460	207	157	2
3	43	61	205	115	370	277	1,910	2,080	2,200	397	202	157	3
4	44	60	337	137	363	286	1,990	2,600	2,020	338	196	157	4
5	44	116	270	140	362	272	2,100	2,520 *	2,120	326	193	157	5
	44 0		268	155	347	255	2,310	2,230	1,900	326	191	154	6
7	44	115	310	155	334	565	2,250	2,050	1,800	370	186	157	7
	45	96	376	146	326	261	1,960	2,540	1,720	342	184	157	
9	45	101	465	146	317	261	2,060	2,390	1,640	329	184	157	9
10	44	126	365 #	164	323	569	2,550	2,270	1,540	322	180	155	+ 10
11	39	111	314	198	347	276	1,970	2,300	1,460	314	180	158	11
12	36	131	253	197 •	408	806	1,840	2,660	1,370	306	177	158	12
13	34	113	220	199	479	1,040	1,890	2.480 *	1.290	295	175	157	13
14	34	97	205	208	546	804	1,870	2,330	1.200	288	171	155	14
15	34	88	186	195	594	645 #	2,020	2,200	1,140	284	170	152	15
16	35	83	182	203	625	579	2,040	2,080	1.100	273	168	152	16
17	35	88	* 170	310	605	617	2.090	1,820	1,060	267	168	152	17
18	37	90	165	796	538	539	1,810	1,620	984	280	166	149	18
19	38	88	157	1.110	504	508	1,540	1,510	914	276	168 *	149	19
20	41	94	152	1,110	446	548	1 • 4 9 0	1,480	662	276	163	154	20
21	45	83	159	992	424	654	1,390	1,600	796	273	163	154	21
22	49	83	150	865	412	819	1,230	1,660	702	259	165	154	22
23	54	85	139	752	390	1.550	1+130	1.910	644	248	165	150	23
24	71	84	134	658	359	2,200	1,060	1,670	598	241	163	152	24
25	83	275	120	569	363	2,160	1,040	1,680	547	235	165	149	25
26	83	330	141	508	320	4,630	1,450	1.690	743	233	170	152	26
27	78	213	153	464	300	3,300	1,450	1,670	884	227	180	152	27
28	74	205	151	438	295	2,550	1,350 *	1,850	731	225	170	-144	28
29	70	214	160	426		2,380 *	1,430	1,920	613 *	225 *	166	157	29
30	69	207	149	420		2,640	1,490	2,160	519	219	164	166	30
31	67		155	417		2,320		2,270		217	165		31
MEAN	49.9	122	214	403	410	1,104	1,748	2,014	1.256	295	176	154	MEAN
MAX.	83.0	330	465	1.110	625	4,630	2,550	2,660	2,360	484	214	166	MAX
MIN.	34.0	60.0		115	295	245	1,040	1,480	519	217	163	144	MIN.
AC. FT.	3066	7281	13206	24799	22798	67884	104013	123888	74771	18159	10867	9197	AC.FT

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

-- E AND *

WATER	YEAR	SUMMARY

MEAN		MAXIMU	Μ		
662.9		GAGE HT. 11.90			TIME 0930
002.7	5610	11.70	03	60	0930

MINIMUM									
GAGE HT.	MO.	DAY	TIME						
4.15	10	13	1215						
	GAGE HT.	GAGE HT. MO.	GAGE HT. MO. DAY						

TOTAL ACRE PEET 479936

LOCATION MAXIMUM DISCHARGE				PERIOD C	DATUM OF GAGE						
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITODE	EUNGITUDE	M.D.B.&M.	CFS GAGE HT. DAT		DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
40 02 54	120 48 55	NW 12 25N 10E	30,200 E	10.65	2-1-1963	APR 45-AUG 54 0	APR-45-AUG 54 0	1954	1963	0.00	LOCAL
						AUG 54-DATE	AUG 54-DATE	1963		0.00	LOCAL

Station located 0.5 mile above Montgomery Creek, 2.3 miles southeast of Taylorsville. Maximum discharge listed at site and datum then in use. Drainage area is 526 square miles.

 $oldsymbol{ heta}$ - Maintained by watermaster service for irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A52250 FEATHER RIVER, WEST BRANCH, NEAR PARADISE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	1.1	1.6	517	222	304	208	760	588	468	144	5.8	7.7	1
2	1.1	1.6	824	208	322	202	715	588	398	124	5.1	1.1	2
3	1.1	1.6	806	170	295	198	695	588	377	104	4.0	0.9	3
4	1.1	32	1,760	156	271	196	735	568	394	105	3.4	0.9	4
5	1.3	789	845	146	253	172	775	600	436	95	2.6	0.9	5
6	1.3	280	695	137	242	140	790	588	484	82	4.2	0.9	6
7	1.3	289	616	131	230	137	740	620	548	70	4.4	0.9	7
	1.4	131	848	130	225	162	655	670	564	56	4.4	0.9	8
9	1.4	643	952	128	218	174	653	612	5 5 6	56	4.2	0.9	9
10	1.4	450	560	200	215	160	990	765	556	47	2.6	0.9	10
11	1.4	220	419	367	265	154	730	805	452	43	1.7	0.9	11
12	1.4	295	340	286	370	2,480	670	1,000	430	36	1.7	0.9	12
13	1.4	118	286	245	398	1,350	670	996	380	30	1.7	0.9	13
14	1.3	77	242	253	384	770	660	930	380	28	1.6	0.9	14
15	1.4	58	246	323	367	588	730	905	374	26	1.9	0.9	15
16	1.4	44	331	597	358	500	750	850	388	26	1.7	0.8	16
17	1.4	27	283	900	328	472	828	705	364	24	1.6	0.8	17
18	1.6	20	248	890	292	394	632	655	361	23	4.2	0.7	18
19	2.6	16	218	825	316	361	568	680	374	23	5.1	0.7	19
20	62	13	208	695	256	361	600	715	361	21	5.1	0.8	20
	54	13	242	608	238	361	516	700	331	18	5.1	0.8	21
21	76	12	205	472	242	361	456	580	310	17	5.1	0.8	22
22	102	14	184	398	245	1,180	426	685	274	15	5.1	0.8	23
23	143	20	166	355	232	1,230	398	765	245	12	5.1	0.8	24
24 25	52	521	140	322	222	1,640	380	815	194	13	1.9	0.9	25
-													
26	39	308	146	301	218	4,420	367	915	403	11	1.4	0.9	26
27	30	240	150	295	222	1,820	364	755	453	10	1.3	1.7	27
28	20	627	231	289	208	1,310	416	685	262	9.4	1.4	1.3	28
29	20	790	670	286		1,110	492	596	205	7.2	1.4	1.8	29
30	17	808	343	289	1	1,000	552	588	184	7.2	1.4	23	30
31	2.8	<u> </u>	. 259	301		850		508		6.9	14		31
MEAN	20.8	229	451	352	276	789	624	710	384	41.6	3.55	1.90	MEAN
MAX.	143	808	1,760	900	398	4,420	990	1,000	564	144	14	23	MAX.
MIN.	1.1	1.6	140	128	208	137	364	508	184	6.9	1.3	0.7	MIN.
AC. FT.	1,280	13,610	27,730	21,670	15,340	48,520	37,120	43,680	22,820	2,560	219	113	AC.FT

WATER YEAR SUMMARY

ESTIMATED
 NO RECORD
 DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMI	JM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME
324	6,990	13.62	3	26	0330

	MINIM	U M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
0.7		9	18	J

6	TOTAL	1
Г	ACRE PEET	
	234,700	

	LOCATION	4	MA	XIMUM DISCH	IARGE	PERIOD O	F RECORD	DATUM OF GAGE			
LATITUDE	UDE LONGITUDE 1/4 SEC. T. & R.			OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	A. CFS G		DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
38 47 15	121 33 40	SE 6 22N 4E	26,300	26.2	12-22-1964	OCT 1957-DATE	OCT 1957-DATE	1957		0.00	LOCAL

Station located 0.6 mile upstream from Griffin Gulch and 4.0 miles northeast of Paradise. Drainage area is 110 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A55100	FEATHER RIVER, MIDDLE FORK, NEAR MERRIMAC	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	153	247	1,910	921	1,810	1,210	4,230	3,390	3,770	1,680	435	272	1
2	152	247	2,110	870	1,790	1,130	3,920	3,610	3,600	1,600	421	271	2
3	152	245	1,630	783	1,750	1,140	3,670	3,940	3,540	1,500	409	264	3
4	154	364	2,450	757	1,700	1,130	3,580	4,170	3,520	1,410	392	264	4
5	157	1,310	2,110	744	1,540	1,150	3,640	4,300	3,580	1,330	385	260	5
6 7 8 9	159 156 156 166 168	1,100 1,100 758 1,390 1,660	1,860 1,890 2,670 3,300 2,550	724 721 698 699 828	1,400 1,400 1,400 1,400 1,390	1,160 1,190 1,160 1,170 1,240	3,880 3,940 3,770 3,710 4,730	4,340 4,270 5,100 5,020 5,540	3,770 3,970 4,010 3,890 3,730	1,260 1,170 1,110 1,040 993	377 370 360 353 352	256 250 248 248 240	6 7 2 9 10
11	171	1,050	2,330	1,200	1,520	1,360	4,140	5,750	3,620	922	345	236	11
12	142	1,460	2,050	1,120	1,710	5,420	3,910	5,740	3,490	869	342	232	12
13	142	935	1,590	1,020	1,940	5,800	3,850	5,810	3,290	819	330	232	13
14	162	734	1,390	1,060	2,120	5,190	3,920	5,710	3,180	784	321	224	14
15	170	636	1,280	1,040	2,250	4,870	4,170	5,590	3,130	761	320	216	15
16	171	579	1,340	1,160	2,250	3,780	4,370	5,400	3,160	742	312	208	16
17	173	531	1,200	2,210	2,200	3,570	4,580	4,820	3,080	712	305	204	17
18	180	490	1,070	3,550	2,150	3,470	4,050	4,490	2,900	711	300	200	18
19	191	461	985	3,600	2,000	3,030	3,750	4,580	2,760	694	297	200	19
20	261	435	969	3,330	1,950	3,010	3,640	4,540	2,670	659	289	208	20
21 22 23 24 25	283 330 443 551 349	418 408 409 475 2,650	983 928 870 831 791	2,910 2,510 2,320 2,290 2,210	1,900 1,750 1,650 1,550 1,540	3,070 3,230 5,020 6,310 6,580	3,390 3,110 2,950 2,780 2,620	4,400 3,960 4,080 4,500 4,850	2,480 2,300 2,160 2,000 1,850	635 611 577 553 532	285 281 280 280 281	212 212 212 212 212 212	21 22 23 24 25
26 27 28 29 30 31	286 266 258 252 249 244	2,620 1,530 1,590 1,960 2,020	805 826 867 1,160 1,050 963	2,090 2,000 1,940 1,880 1,850 1,820	1,390 1,390 1,340	13,500 11,900 9,000 6,340 5,450 4,800	2,660 2,720 2,860 3,010 3,160	5,280 4,690 4,400 4,030 3,980 3,970	3,180 3,520 2,350 1,950 1,780	509 492 477 461 446 439	281 281 281 278 270 270	224 248 260 297 426	26 27 28 29 30 31
MEAN	221	994	1,508	1,640	1,721	4,077	3,624	4,653	3,074	855	325	242	MEAN
MAX.	551	2,650	3,300	3,600	2,250	13,500	4,730	5,810	4,010	1,680	435	426	MAX
MIN.	142	245	791	698	1,340	1,130	2,620	3,390	1,780	439	270	200	MIN.
AC. FT.	13,580	59,130	92,740	100,900	95,570	250,700	215,600	286,100	182,900	52,560	20,000	14,380	AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	M.				MINIM	U M		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
1,912	15,700	14.11	3	26	1100	142		10	12	

	TOTAL	1
Г	ACRE PEET	1
	1,384,000	J

	LOCATIO	N	MA	XIMUM DISCH	ARGE	PERIOD (PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.		
LATITUDE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM		
39 42 30	121 16 10	NE 2 21N 6E	86,200	26.50	12-22-1964	OCT 1951-DATE	OCT 1951-DATE	1951		0.00	LOCAL		

Station located 400 feet from bridge on Milsap Bar Road, 500 feet downstream from Little North Fork, 4.5 miles southeast of Merrimac, and 20 miles northeast of Oroville. Altitude 1,560 feet. Drainage area is 1,062 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A56080	FEATHER RIVER, SOUTH FORK, AT PONDEROSA DAM

YAC	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	42	89	632	460	438	394	568	427	330	310	175	173	1
2	100	84	882	432	438	213	562	422	335	310	177	178	2
3	102	86	669	416	438	171	538	427	394	305	177	179	3
4	95	89	1,340	410	438	350	520	454	366	305	176	173	4
5	101	90	672	405	432	366	514	449	350	305	178	167	5
6	105	94	532	378	427	361	496	416	340	300	178	164	6
7	103	251	508	378	422	356	496	405	335	129	179	159	7
8	103	231	520	378	422	350	478	405	330	74	176	166	
9	99	236	612	366	422	350	472	405	330	171	173	169	9
10	99	308	526	378	422	350	544	405	335	175	171	177	10
11	86	262	502	550	432	361	502	400	320	173	165	175	111
2	82	276	466	568	432	837	466	405	325	167	163	174	12
13	91	267	432	450	432	773	460	410	315	167	167	170	13
14	97	258	405	475	432	632	460	405	315	174	176	170	14
15	98	249	271	550	438	568	449	356	320	170	173	172	15
6	100	227	295	532	438	520	454	361	320	172	164	171	16
7	104	218	478	632	438	508	466	528	325	173	173	175	17
8	103	376	490	652	432	484	454	626	310	164	172	173	18
9	100	515	422	652	444	472	444	606	295	156	171	169	19
ю	110	395	416	606	432	449	444	612	295	168	176	161	20
21	108	211	460	568	432	422	438	528	295	174	173	167	21
22	107	200	432	538	427	416	427	335	280	171	173	173	22
13	109	214	422	514	422	387	422	340	270	170	171	174	23
4	104	246	405	502	416	580	422	320	300	170	170	174	24
25	103	416	405	484	405	774	416	320	310	174	172	174	25
26	106	432	383	472	405	2,200	416	330	325	167	177	176	26
27	105	400	400	460	405	1,150	410	330	320	165	175	175	27
	107	600	416	449	400	902	416	345	310	173	174	175	28
29	108	544	448	444		780	416	356	310	173	171	173	29
30	98	561	538	444		690	422	309	310	172	172	173	30
31	89		508	444		645		345		176	176		31
AN	98.8	281	512	483	427	575	466	412	320	192	173	172	MEA
AX.	109	600	1,340	652	444	2,200	568	626	394	310	179	179	MAX
MN.	82	84	271	366	400	171	410	309	270	74	163	159	MIN
. FT.	6,080	16,710	31,510	29,730	23,720	35,330	27,750	25,350	19,070	11,810	10,640	10,210	AC.FI

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIML	JM.			7		MINIM	U M		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	1	DISCHARGE	GAGE HT.	MO.	DAY	TIME
342	3,010		3	26	0800	ļ				1 1	
		<u> </u>	1			/			L.,		

	TOTAL	_
Т	ACRE PEET	Т
	247,900	

	LOCATIO	N	MAXIMUM DISCHARGE			PERIOD (DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PEI	RIOD	ZERO	REF.
LATITUDE	LONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 32 54	121 18 11	SE 33 20N 6E	11,000	12.70	12-22-1964	JULY 1962-DATE	JULY 1962-DATE	1962 1967	1967	0.00	LOCAL USCGS

Station located at entrance to Miners Ranch Canal on the left end of Ponderosa Dam, 2,800 feet upstream from Sucker Run, and 2.6 miles northwest of Forbestown. Prior to October 1, 1967, at site 1,800 feet downstream. Drsinage area is 108 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A56911	PALERMO CANAL AT OROVILLE DAM	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	21 20 20 20 20 20	4.6 4.6 4.4 4.4 4.3	3.6 5.0 5.0 5.0 5.0	5.1 5.2 5.1 5.1 5.0	5.2 5.2 5.2 5.2 5.2	4.8 4.6 4.6 4.7 4.6	5.6 5.5 5.5 5.4 5.5	12 12 12 12 12	22 22 22 22 22 22	22 22 22 22 22 22	21 21 21 21 21	20 20 20 20 20 20	1 2 3 4 5
6 7 8 9	20 21 20 20 20	4.4 4.4 4.4 4.4	5.0 5.0 5.1 5.0 5.0	5.1 5.1 5.1 5.1 5.2	5.2 5.2 5.3 5.3 5.2	4.7 4.7 4.7 4.7 4.7	5.5 5.4 5.5 5.5 5.5	12 12 11 11	22 22 22 22 22 22	22 22 22 22 22 21	21 21 21 21 21	20 20 20 20 20 20	6 7 8 9
11 12 13 14 15	20 20 20 20 20	4.5 4.5 4.5 4.6 4.6	5.1 5.0 5.0 5.0 5.0	5.2 5.2 5.2 5.1 5.1	5.2 5.2 5.3 5.3 5.3	4.7 4.7 4.8 4.8 4.8	5.5 5.6 5.5 5.6 5.6	11 11 12 12 12	22 22 22 22 22 22	21 21 21 21 21	21 21 21 21 21 21	20 20 20 20 20 20	11 12 13 14 15
16 17 18 19 20	20 20 20 16 6.4	4.6 4.6 4.7 4.7 4.5	5.1 5.0 5.0 5.1 5.1	5.1 5.1 5.1 5.1 5.1	4.9 4.5 4.5 4.5 4.5	4.8 5.0 5.4 5.4 5.4	5.6 5.7 5.7 5.7 5.8	12 12 14 19 21	22 22 22 22 22 22	21 21 21 21 21	21 21 21 21 21	20 20 20 20 20 20	16 17 18 19 20
21 22 23 24 25	4.3 4.4 4.3 4.3 4.4	4.4 4.4 4.4 4.4	5.1 5.1 5.1 5.0 5.1	5.0 5.1 5.1 5.1 5.1	4.5 4.6 4.6 4.6 4.6	5.4 5.5 5.5 5.5 5.5	5.8 5.8 5.8 5.9 5.9	22 22 22 22 22 22	22 22 22 22 22 22	21 21 21 21 21	21 21 21 20 20	20 20 20 20 20 20	21 22 23 24 25
26 27 28 29 30 31	4.4 4.4 4.4 4.5 4.5	4.4 4.4 4.5 4.5 4.4	5.0 5.1 5.0 5.1 5.1	5.1 5.2 5.2 5.1 5.2 5.2	4.7 4.8 4.9	5.6 5.6 5.6 5.6 5.6 5.7	10 12 12 12 12 12	22 22 22 22 22 22 22 22	22 22 22 22 22 22	21 21 21 21 21 21	20 20 20 20 20 20 20	20 20 20 19 19	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	14.0 21 4.3 858	4.5 4.7 4.3 266	5.0 5.1 3.6 307	5.1 5.2 5.0 315	5.0 5.3 4.5 275	5.1 5.7 4.6 313	6.6 12 5.4 394	16.0 22 11 982	22.0 22 22 1,309	21.3 22 21 1,309	20.7 21 20 1,275	19.9 20 19 1,186	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

— E AND *

MEAN		MAXIMI	J M			
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	D
12.1	22	1.17	7	2	0415	
$\overline{}$		l		_		_

	MINIM	U M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
0.0		12	1	1115

_	TOTAL	1
	ACRE PEET	
	8,790	

	LOCATIO	N	MAXIMUM DISCHARGE			PERIOD O	DATUM OF GAGE				
	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 32 00	121 28 55	SW 1 19N 4E	29 E	1.32	1-20-1964	APR 1963-DATE	APR 1963-DATE	1963		0.00	LOCAL

Station is located at the outlet of the relocation tunnel of Palermo Canal, 50 feet southeast of toe of the dam.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A05191	FEATHER RIVER AT OROVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	406	418	409	408	400	406	421	404	398	414	403	407	1
2	406	416	414	413	401	409	408	405	404	417	410	409	2
3	406	409	410	413	400	411	395	412	402	415	407	409	3
4	403	408	420	413	398	410	396	413	406	417	404	409	4
5	399	405	414	413	398	410	407	410	408	418	409	406	5
6	409	403	410	413	398	410	413	398	402	424	424	413	6
7	410	401	412	413	397	421	414	397	408	419	406	413	7
8	415	401	411	399	399	423	418	393	408	407	410	410	8
9	416	402	413	386	399	411	409	399	409	409	412	413	9
10	412	404	409	386	400	411	402	402	415	407	410	412	10
11	407	411	411	402	399	410	402	407	415	402	407	409	11
12	409	412	411	415	400	403	416	406	414	406	411	405	12
13	409	412	407	414	396	406	415	401	412	408	407	407	13
14	408	414	412	413	394	408	416	399	414	410	404	407	14
15	409	412	412	412	394	413	405	394	412	405	405	416	15
16	410	414	412	415	401	419	400	394	410	404	409	411	16
17	409	414	410	415	413	415	401	401	414	401	414	412	17
18	407	415	413	411	991	409	405	401	412	400	408	406	18
19	407	413	407	407	405	407	410	399	412	400	407	406	19
20	414	412	403	408	406	408	407	401	413	403	407	412	20
21	420	411	413	405	412	404	408	401	414	399	402	414	21
22	421	411	414	404	418	410	409	401	416	394	402	410	22
23	422	413	415	405	416	420	408	404	416	396	402	404	23
24	415	416	415	403	418	414	401	411	412	401	402	406	24
25	414	415	411	403	414	427	394	415	410	403	405	406	25
26	413	411	411	402	408	2,480	405	410	412	413	411	403	26
27	416	412	412	403	408	6,910	414	400	410	407	411	406	27
28	413	428	410	405	408	6,960	412	401	414	406	413	404	28
29	414	431	414	405		6,960	409	400	413	404	407	402	29
30	415	414	409	401		5,530	408	395	412	406	407	397	30
31	419		٠408	403		2,510		395		404	411		31
MEAN	411	412	411	407	425	1,343	408	402	411	407	408	408	MEAN
MAX.	422	431	420	415	991	6,960	421	415	416	424	424	416	MAX
MIN.	399	401	403	386	394	403	394	393	398	394	402	397	MIN.
	25,300	24,510	25,290	25,010	23,590	82,600	24,250	24,730	24,430	25,030	25,080	24,290	AC.FT

WATER YEAR SUMMARY

- ESTIMATED - NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	JM				MINIM	UM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
489	7,720		3	26	1915					

1	TOTAL	
Г	ACRE FEET	
	354,100	

	LOCATION					XIMUM DISCH	IARGE	PERIOD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 5	EC. T.	& R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
		M.D.B.&M.		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
39 31 07	- 121 32 50	SE 8	19N	4E	230,000		3-19-1907	OCT 1901-DATE	OCT 1901-DATE	1912 1934 1962 1964	1934 1962 1964	139.53 182.02 0.00 148.97	USCGS USCGS USCGS USCGS

Station located 300 feet above Fish Barrier Dam, 0.6 mile northeast of Oroville. Flow partly regulated by reservoirs and powerplants. Flows diverted through Fish Hatchery are included. Maximum discharge listed at site then in use (approximately 167.5 feet, USCGS Datum). Drainage area is 3,626 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A05975	THERMALITO AFTERBAY RELEASE TO FEATHER RIVER NEAR OROVILLE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2,620	2,550	2,330	6,210	2,040	1,500	17,000	6,050	9,500	4,870	3,930	7,140	1
2	2,580	2,690	2,960	6,390	1,840	1,500	16,900	6,020	9,450	4,870	3,970	7,110	2
3	2,530	2,580	3,890	6,590	1,610	1,510	13,100	6,080	9,610	4,880	3,980	7,100	3
4	2,540	2,910	4,850	6,580	1,500	1,420	8,950	6,080	9,650	4,880	3,980	7,080	4
5	2,560	2,940	5,520	5,620	1,490	1,490	8,890	6,080	9,600	4,860	3,980	6,990	5
6 7 8 9	2,570 2,570 2,570 2,560 2,540	2,620 2,560 2,550 2,580 2,550	5,560 5,960 6,560 6,560 7,020	5,350 5,070 4,790 4,530 4,310	1,490 1,470 1,470 1,500 1,500	1,480 1,510 2,280 3,300 4,630	8,960 9,540 9,920 9,920 9,910	6,070 6,070 6,080 6,030 6,790	9,560 9,300 8,400 E 7,420 7,110	4,960 4,540 4,070 4,000 3,990	3,980 3,980 3,960 3,980 4,700	7,060 7,100 7,140 7,210 7,180	6 7 8 9 10
11 12 13 14 15	2,560 2,560 2,580 2,560 2,560	2,570 2,560 2,560 2,560 2,560 2,540	7,550 7,540 7,530 7,560 7,570	4,520 6,500 7,060 7,040 9,000	1,490 1,490 1,480 1,480 1,480	5,670 7,020 10,800 13,000 13,400	9,870 10,400 10,900 10,900 10,900	6,790 6,810 6,800 6,810 6,750	6,840 6,070 6,070 6,110 6,100	3,950 3,990 3,980 3,970 3,980	5,680 6,660 7,100 7,050 7,030	7,090 7,010 7,290 8,260 9,340	11 12 13 14 15
16	2,560	2,590	7,580	10,500	1,490	13,500	10,900	6,770	6,050 E	3,980	7,090	9,360 E	16
17	2,560	2,560	7,560	10,400	1,500	13,500	10,900	6,860	5,850 E	3,960	7,100	8,330 E	17
18	2,560	2,560	7,080	10,600	893	13,500	10,900	6,390	4,880 E	3,930	5,040	7,370	18
19	2,580	2,560	6,010	13,400	1,500	13,400	10,900	5,580	3,880	3,960	7,080	7,010	19
20	2,570	2,560	5,000	14,500	1,490	13,400	10,400	4,830	2,800	3,970	7,100	7,090	20
21	2,570	2,560	4,050	14,400	1,470	13,300	9,430	4,380	2,770	3,970	7,090	7,100	21
22	2,570	2,570	5,150	13,300	1,490	12,900	8,470	4,260	3,510	3,970	7,070	6,850	22
23	2,580	2,440	6,570	10,700	1,500	12,000	7,430	4,220	3,860	3,970	7,080	6,290	23
24	2,570	2,130	5,670	9,390	1,480	12,200	6,870	4,290	3,880	3,980	7,090	5,800	24
25	2,570	2,140	5,580	8,450	1,490	13,600	6,910	4,310	3,880	3,970	7,090	5,290	25
26 27 28 29 30 31	2,580 2,570 2,570 2,600 2,600 2,570	2,110 2,140 2,130 2,110 2,120	5,570 5,570 5,570 5,570 5,770 6,130	7,430 6,450 5,460 4,510 3,460 2,540	1,510 1,490 1,470	16,300 17,500 17,500 17,500 17,500 17,300	7,010 7,000 6,990 6,100 6,060	4,540 5,510 7,350 9,160 9,500 9,570	3,890 3,850 3,890 4,600 4,880	4,000 3,990 3,990 3,990 3,980 3,960	7,090 7,100 7,080 7,010 7,070 7,130	4,740 4,310 3,840 3,360 2,860	26 27 28 29 30 31
MEAN	2,569	2,487	5,916	7,582	1,504	9,852	9,744	6,220	6,109	4,173	5,976	6,657	MEAN
MAX.	2,620	2,940	7,580	14,500	2,040	17,500	17,000	9,570	9,650	4,960	7,130	9,360	MAX.
MIN.	2,530	2,110	2,330	2,540	893	1,420	6,060	4,220	2,770	3,930	3,930	2,860	MIN.
AC. FT.	158,000	148,000	363,700	466,200	83,510	605,800	579,800	382,500	363,500	256,600	367,500	396,100	AC.FT.

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

— E AND *

MEAN		MAXIMU	JM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME
5,761	17,500	9.04	3	27	0615
$\overline{}$			1		

	MINIM			
DISCHARGE	GAGE HT.	MO.	DAY	TIME
46	0.37	2	18	1515

_	TOTAL	
Г	ACRE PEET	
	4,171,000	

	LOCATIO	N	MA	XIMUM DISCH	ARGE	PERIOD	DATUM OF GAGE				
LATITUDE	ATITUDE LONGITUDE 1/4 SEC. T. & R			OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		Z ERO ON	REF.
LATITODE	LONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 27 23	121 38 10	SE 33 19N 3E	21,600		1-28-1970	DEC 1967-DATE	DEC 1967-DATE	1967		0.47	USCGS

Station located in river outlet channel, 5.7 miles southwest of Oroville. Station measures flows released to Feather River through Thermalito Afterbay.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 FEATHER RIVER NEAR GRIDLEY A05165

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3.110	3.070	2.880	6+590	2,620	1,770	17,500	6,560	9,720	5,290	4,540	7,640	1
2	3,090	3,290	3,530	6,850	2,410	1,800	17,300	6,490	9,680	5,290	4,570	7,590	2
3	3,030	3,980	4,420	6.930	2,150	1,840	14,400	6,560	9,880	5,330	4,580	7,560	3
1 A 1	3,030	3,300	5,590 #	6,660	2,010	1,830	10,000	6,540	9,920	5,350	4,580	7,540	4
5	3,030	3,730	6.580	6.230	1,980 #	1,800 .	9,650	6,510	9,890	5,320	4,590	7,470	5
	3.050	3,220	6,330	5,940	1,890	1,820	9,780 *	6,470	9,870	5,410	4,580	7,520	6
7	3.030	3,120	6.600	5.640	1,830	1,800	10,200	5,460	9,650	5.040	4,590	7,520	7
	3+050	3.080	7.250	5.390	1.820	2,420	10,600	6,440	8,780	4.570	4,580	7,540	1
	3,040	3,110	7,210	5,010	1.830	J.380	10.600	6,360	7,930	4.460	4.560		
10	3.020	3.090	7,530	4,870	1.830	4,850	10,600	6,990 *		4,460	5,260	7,610	10
11	3,060	3,120	A,130	4,890	1,840	5,930	10,500	7,060	7,310	4.420	6,390	7.500	113
12	3.050	3.090	8,110	6,650	1.820	7.020	10,800	7.090	6,610	4,480	7.420	7,440	12
12	3,050	3.090	8.100	7,410	1.810	10.500	11,400	7.090	6.540	4.500	7,910	7.670	13
14	3.040	3.110	8,110	7,430	1.800	13.000	11.400	7,090	6,580	4.500	7,920	8,570	14
15	3.060	3.080	8,150	8,910	1,800	13.500	11,400	7,050	6,600 4	4,520	7,840	9,640	15
16	3,050	3.110	8,170 *	10,800	1,800	13,600	11,400	7,020	6,540	4.520	7,920	9.830	. 14
17	3.050	3,090	8,140	10.900	1.810	13.600	11,400	7,060	6,340	4,500	7,950	8,910	17
18	3.040	3.080	7.770	11.100	1.780	13.600 *		6,820	5,360	4,500	6.020 *	7,860	18
19	3.040	3.070	6,690	13.500	1,820	13.500	11,400	5,920	4,480	4.540	7,870	7,440	19
20	3,090	3,090	5,760	15,000	1,780	13,500	11,000	5,250	3,440	4,580	7,890	7,490	20
21	3.080	3.090	4.800	14.900 *	1.790	13,500	10,000	4,830	3,220	4,630	7.850	7,530	21
22	3.080	3.090	5,370	14.000	1.800	13,200	9,140	4.690	3,910	4.670	7,780	7,350	22
23	3.110	3.010	7,080	11.800	1,810	12.400	8,130	4,640	4,260	4,640 #		6,830	23
24	3.070	2.720	6,340	10,200	1,820	12.300	7,430	4,690	4.310	4,600	7,750	6.330	24
25	3,060	2,710	6,140	9,210	1,790	13,600	7,420	4,720	4,280	4,590	7,740	5,780	25
26	3+050	2,670	6,120	P+170	1,790	16,800	7,520	4,890	4,320	4+640	7,710	5,190	26
27	3.060 *	2.720	6,120	7.170	1,820	23,800	7,500	5.730	4,280	4,630	7.720	4.750	27
28	3.060	2.830	6,160	6,240	1,790	24.000	7.500	7.410	4,290	4,600	7,650	4,330	28
29	3.090	2,900	6,180	5.290		24.100 *		9,220	4.920	4.620	7.560	3.860	29
30	3.100	2.820	6,270	4.190		23,400	6.590	9.660	5.290	4.600	7.580	3,350	30
31	3.070	11-20	6,620	3,230		20,500		9,750	3,210	4,560	7,650	3,300	31
MEAN	3.059	3.052	6,514	8,100	1,887	10.924	10,353	6,550	6,524	4,721	6,656	7,109	MEAN
MAX.	3.110	3.730	8,170	15,000	2,620	24.100	17,500	9.750	9.920	5,410	7,950	9.830	MAX
MIN.	3.020	2.670	2.880	3,230	1.780	1.770	6.590	4,640	3,220	4,420	4.540	3,350	MIN.
AC. FT.		181646	400562	498049	104807	671722	616066	402763	388225	290301	409269	423015	

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN DISCHARGE M A X I M U M
GAGE HT. MO. DAY TIME DISCHARGE 6318.7 24300 33.61 03 30 0945

MINIMUM GAGE HT. MC DISCHARGE MO. DAY TIME 1600.0 25.33 08 18 1130 TOTAL 4574536

	LOCATIO	N	M.	AXIMUM DISCH	ARGE	PERIOD	OF RECORD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	. & R. OF RECORD DISCHARGE GAGE HEIGHT		OF RECO		OF RECORD		PE	RIOD	ZERO	REF.
		M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM	
39 22 01	121 38 43	SW 33 18N 3E		102.25	12-23-1955	JAN 1944-DATE	MAR 29-MAY 37 #	1929		0.00	USED	
	•						OCT 37-APR 39	1929		-2.91	USCGS	

NOV 39-JUL 40 OCT 40-JUL 43 OCT 43-DATE

Station located near highway bridge 2.7 miles east of Gridley. Subsequent to 1962, tabulations include all left bank overflow. Records of discharge published prior to 1963 listed only that water in the main channel. Drainage area is 3,676 square miles.

- Flood season only.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A05/35	NORTH HONGUT CREEK NEAR HANGOR	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2.1*	2.0	364	90	23	10	34 #	15	12	3.7	0.0+	0.0	1
2	2.3	1.8	1,190 +	145	23	9.9#	30	15	11	3.2	0.0	0.0	2
3	1.6	1.5	232	90	22	9.5	26	15	10	3.1	0.0	0.0	3
4	1.4	2.3	1.340 0	68	20	9.2	24	16	9.9	2.5	0.0	0.0	4
5	2.5	4.9	317	56 *	19	9.2	21	16	9.2	2.0	0.0	0.0	5
6	3.2	24	150	46	19	8.8	19	15	8 • 4	1.6	0.0	0.0	6
7	3.2	34	117	39	19	9.0	22	14	7.6	0.8	0.0	0.0	7
	2.7	13	200	35	18	9.0	21	14	7.0	0.5	0.0	0.0	
9	2.8	8.9	198	32	18	8.8	50	14	6.6	0.7	0.0	0.0	9
10	3.1	13	105	30	17 •	8.8	28	13	6+5	1.0	0.0	0.0	10
11	3.2	12	75	183	17	9.2	24	13	6.0	1.0	0.0	0.0	111
12	3.4	14	57	155	16	97	20	12	5.6	1.0	0.0	0.0	12
13	3.5	13	45	228	15	81	18	11	4 • 8	0.9	0.0	0.0	13
14	3.4	11	41	200	15	32	17 *	11	4.3	0.7	0.0	0.0	14
15	3.1	9.4	34	131	15	34	16	10	4+0	0.5	0.0	0.0	15
16	3.0	8.4	103	197	15	26	19	8.9	3.5	0.4	0.0	0 • 0	16
17	2.8	7.8	172	213	15	23	27	8 4	3•1	0.5	0.0	0.0	17
18	2.7	7.3	108	129	13	50	23	8.0	2.8	0.8	0.0	0.0	18
19	2.9	7.0	83	99	14	17	5.0	7.64	2.4	0.9	0.0	0.0	19
20	3.9	6.6	63	82	13	15	24	7.0	1.9	0.8*	0.0	0.0	20
21	6.6	6.9	598	67	12	14	39	7.0	1.1	0.6	0.0	0.0	21
22	4.5	7.2	550	56	13	15	27	7.0	1.3	0.5	0.0	0 • 0	22
23	4.2	7.3	118	47	11	87	23	8.2	0.6	0.3	0.0	0 • 0	23
24	8.4	7.3	87	41	11	146	21	9.3	1.1	0 • 1	0.0	0.0	24
25	5.6	8 • 1	67	37	11	572	19	9.3	1.2	0.0	0.0	0.0	25
26	3.5	11	71	34	10	1,020	18	9.2	2.4	0.0	0.0	0.0	26
27	2.6	11	118	31	10	162	17	9.5	5.8	0.1	0.0	0.0	27
28	2.3	304	126	29	10	97	17	11	5.2	0.1	0.0	0.5	28
29	2.1	1.130	498	27		68	16	12	4.2	0.0	0.0	1.0	29
30	2.0	443	174	25		51	16	14	3.9	0.0	0.0	1.5	30
31	2.0		112	24		41		15		0.0	0.0		31
MEAN	3.2	71.3	231	86.0	15.5	87.7	22.2	11.5	5•1	0.9	0.0	0 • 1	MEAN
MAX.	8.4	1.130	1:340	559	23.0	1,020	39.0	16.0	12.0	3.7	0.0	1.5	MAX
MIN.	1.4	1.5	34.0	24.0	10.0	8.8	16.0	7.0	0.6	0.0	0.0	0.0	MIN.
AC. FT.	200	4240	14247	5288	361	5394	1321	705	304	56		6	AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

• DISCHARGE MEASUREMENT OR

OBSENVATION OF FLOW MADE THIS DAY.

= E AND *

			**	MIL	K IEA	r
MEAN		MAXIMU				
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ı
45.1	3480	9.02	12	02	0615	
			1	L		١

MINIMUM									
DISCHARGE	GAGE HT.	MO.	DAY	TIME					
0.0	3.54	07	25	1800					

TOTAL
ACRE PEET
32622

LOCATION			MAXIMUM DISCHARGE		PERIOD C	DATUM OF GAGE							
LATITUDE LONGITUDE		1/4 SEC. T. & R.	C. T. & R. OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.			
LATITODE	LONGITUDE	M.D.B.&M.				GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 20 32	121 29 25	SW 11 17N 4E	10,700 E	11.57	12-26-1964	OCT 59-SEPT 62 JUL 63-DATE	OCT 59-SEPT 62 JUL 63-DATE	1959 1963	1962	0.00	LOCAL		

Station located 0.4 mile north of Honcut-Wyandotte Road and Bangor Highway junction, 5.7 miles southwest of Bangor. Tributary to Feather River. Flow partly regulated by Lake Wyandotte. Drainage area is 47.1 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A05120	FEATHER RIVER BELOW SHANGHAI BEND	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	5.780	5.930	9.550 *	11.600	7.870	3,900	21.200	A • 430	13.000	8,770	6 • 760	10,200	1
2	5.690	5,980	11.700	11.800	7,540	3,650	19,200	H.230	13,400	8,280	6,750	10,200	2
3	5,700	6.050	11.500	12.000	7,280	3,630	17,300	ಕ್ಕ280	13,400	8,230	6,750	10,200	3
4	5,730	5,990	14,900	11.700	6,990	3,640	12,800	A,390	13,100	8,210	6.750	10,200	4
5	5,740	6,540	16.300	11,200	6,860	3,610	11,000	8,420	13,000	7,850	6,780	10,100	5
6	5,760	6,440	13,600	10.500	6,800	3,580	11,600 *	H,320	12,900	7,800	6,790	10,100	
7	5.740	6.910	12,300	10.100	6,730	3,570	11,900	8,250	12,800	7,650	6,820	10,300	7
	5.740	6.910	12,500	9,860	6,650	3,660	13,100	8,290	12,100	7,130	6.870	10.300	1 6
	5.750	6.850	12,900	9.360	6,600	4,360	13,100	8,330	11.400	6,790	6,870	10.400	
10	5,750	6.790	12.400 .	9,290	6,540	5,330	13,200	8,670	10,800	6,790	7,040	10.400	10
11	5.710	6.540	12.800	9.980	6.480	6,310	13,200	9.280	10,600	6.780	7,950	9,680	111
12	5.710	6.430	12,900	12.200	6.370	7,490	12.400	9.280	10.500	6.730	8.990	9.530	12
13	5,750	6.320	12.800	12,600	6.320	11.600	12.600	9.290	10,300	6.750	9.700	10.100	13
14	5.740	6.430	12.800	13.200	6,270	14.500	11,900	9.290	10,400	6.750	9.900	11.400	14
15	5,720	6,390	12.800	13,500	6.250	15,200	12,600	9,150	10.400 *		9,890	12,300	15
16	5.720	6,350	13.200 •	15.600	6,220	15,200	12.800	9,120	10.300	6.770	9.920	12,900	. 16
17	5.700	6.360	13,900	16.700	5.950	15.200	12,800	9.150	10.100	6.740	9.970	12.000	17
118	5.680	6.340	13.500	16,600	5.370		12,800	9.210	10.300	6.760	8,920	10.400	18
19	5,680	6,340	12.500	17,300	5,290	15.000	12,700	A.280	9,750	6.730	9,330	9.570	19
20	5,800	6.350	11.300	19,700 *	5,250	14,400	13,000	7,400	8,700	6,730	9,980 *		30
21	5.830	5.780	11.000	20.100	5,180	14.200	12,400	6,930	8.330	6,740	10.000	9,470	21
22	5.860	6.270	11.100	19.500	5.010 #		11.500	6.400	8,340	7.030	10.000	9.430	22
23	5.910	6.300	12.200	19,200	4,620	13.700	10.600	6.270	8.180		10.100	8.980	23
24	5.960	6,130	11.500	16,200	4,370	14.500	9.780	6.210	8,630	6.000	10.100	8,460	24
25	5,950	6.050	10.900	15.000	4,230	15,400	9,520	6,190	8,450	6,180	10,100	8,020	25
	5.960	6.240	10.700	13.900	3,960	25.800	9.410	6,310	8,110	6.740	10.100	7,520	26
26	5.990	6,210	10.500	12,800	3.980	30.700	9.330	7.150	11,300	6.780	10.100	7.000	27
28	5,980	6.540	11,000	11.800	3.960	29.000	9.310	8,670	10.100	6.760	10.100	6.590	28
29	5.980	8,330	11.600	10,800	2,700	28.300 *		11.600	9,400	6.760	10.100	6,170	29
30	5.880	9,650	11,900	9,710		27,500	8,550	12.700	8,980	6.710	10,000	5,510	30
31	5,950	1,050	11,600 •			25,200	-,550	12,900	, , , ,	6,730	10,200	","	31
MEAN	5,801	6.524	12.282	13.305	5.890	13.140	12.352	8.528	10.569	7.037	8,827	9,561	MEAN
MAX.	5.990	9.650	16.300	20,100	7,870	30.700	21,200	12.900	13,400	8,770	10,200	12,900	MAX
MIN.	5,680	5,780	9,550	F,660	3.960	3.570	8.550	6,190	8,110	6.000	6,750	5.510	MIN.
AC. FT.		388244	755206	818102	327154	807967	735034	524410	628899	432734	542777	568939	

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

- DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

			V	AIL	R TEAR	۲
MEAN		MAXIMU	J.M.			1
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	ſ
9511.7	31700	48.95	03	26	2245	ı
			.L			١

	MINIM		
DISCHARGE 3550.0	34.28		11ME 0945

TOTAL ACRE PEET 6886171

	LOCATIO	н	MA	XIMUM DISCH	IARGE	PERIOD O	F RECORD		DATUM OF G		
LATITUDE	LONGITUDE	1/4 SEC. T. & R. OF RECORD		DISCHARGE	DISCHARGE GAGE HEIGHT		2100	ZERD	REF.		
LATITUDE	LUNGITUDE	M.D.B.&M.	CF5	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 04 44	121 36 08	NE 11 14N 3E		76.8	12-24-1955	JUN 44-OCT 55 0	NOV 26-MAY 35 #	1926		0.00	USED
						JAN 46-DATE	OCT 37-MAY 39	1926		-3.01	USCGS
							NOV 39-JUL 41				
							21011 / 1 2111 / 10 //				

NOV 41-JUL 43 # OCT 43-DATE

Station located approximately 4 miles south of Yuba City. Flow partly regulated by reservoirs and powerplants. Drainage area is 5,337 square miles.

 $\ddot{\circ}$ - Irrigation season only. # - Flood season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A02903	SACRAMENTO WEIR SPILL TO YOLO BYPASS (a)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5			0.0 5.8 80 104 232 *	0.0 0.0 0.0 0.0								٠	1 2 3 4 5
6 7 8 9	N	N	190 172 * 147 117 86	0.0 0.0 0.0 0.0	N	N	N	N	N	И	N	N	6 7 8 9
11 12 13 14	0	0	103 114 81 38	0.0 0.0 0.0	0	0	0	0	0	0	0	0	11 12 13 14
15	F	F	2.7	0.0	F	F	F	F	F	F	F	F	15
16	L	L	0.0	0.0	L	L	L	L	L	L	L	L	16 17
18	0	0	0.0	0.0	0	0	0	0	0	0	0	0	18 19
20	W	W	0.0	80	W	W	W	W	W	W	W	W	20
21 22 23 24 25			0.0 0.0 0.0 0.0	152 * 140 107 64 23									21 22 23 24 25
26 27 28 29 30 31			0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0									26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.			47.5 232 0.0 2,920	18.2 152 0.0 1,123									MEAN MAX. MIN. AC.FT.

(a) Leakage through needles during 1971

water year

E - ESTIMATED NR - NO RECORD

- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

			WAT	ER YEA	R SUMMAR	۲۶
MEAN		MAXIMI	J M			N
DISCHARGE	DISCHARGE	GAGE HT.	MO. DAY	TIME	DISCHARGE	1
5.6						

MINIMUM GAGE HT. MO. DAY

4,043

	LOCATION	N	MAX	IMUM DISCH	IARGE	PERIOD (OF RECORD		DATU	N OF GAGE	
		1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	100	Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
			118.000 E	32.8	3-26-1928	1926-DATE					

See Sacramento River at Sacramento Weir for stage record and location. Elevation of fixed crest of weir is 24.5* feet, USED Datum; elevation of movable crest (top of needles) is 30.5* feet, USED Datum. There are 48 gates, each 38 feet in length.

*From 1964 surveys. Previously listed as 25.0 and 31.0, respectively.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A00047 DRY CREEK AT ROSEVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	21	34	488 *	137	73	49	63	31	50	18	15	20	1
2	20	33	887	220	71	46	59	40	49	17	14	21	2
3	21	34	287	135	67	48	55	49	44	16	14	17	1 3
4	22	42	943	118	65	49	49	54	39	18	14	12	1 4
5	25	64	477	113	63	48	45	55	35	18	12	14	5
	27	199	263	108	63	46	46	52	31	18	11	15	
7	29	183	233	104	62	44	67	50	26	17	11	14	7
	31	79	202	100	59	52	62	80	24	15	ii	13	1
	29	65	189	98	58	42	56	71	25	15	ii	13	
10	30	53	151	94	57	40	58	59	26	17	10	12	10
11	31	49	137	131	58	43	56	52 *	23	21	9.5	11	111
12	32	58	129	175	57	96	50	47	21	18	9.5	9.7	12
13	34	48	121	239	57	136	49	44	24	16	10	10	13
14	36	44	112	167	56	71	50	39	23	15	11	9.4	14
15	37	43	107	130	57	66	47 *	32	55	13	ii	9.04	
16	39	41	198	127	58	59	47	28	20	12	13	9.2	16
17	38	40 +	217	131	58 •	51	61	28	18	12	13	9.4	17
10	38	41	161	118	55	49 #	57	23	17	12	13	11	18
	40	41	138	110	72	46	49	24	17	13	15	ii	19
19	46	43	130	104	64	43	50	27	17	15	16	ii	20
21	56 •	43	248	98	58	41	57	29	15	28 •	15	12	21
22	58	42	181	94	57	38	50	28	13	28	16	13	22
23	60	41	136	92	57	102	48	25	14	28	16	14	23
24	70	46	120	92 89	56	93	44	23	14	24	15	14	24
25	62	137	111	85	49	184	37	23	14	21	15	18	25
26	55	220	132	79	49	449	39	28	22	22	15	18	26
27	53	109	163	81	48	170	35	29	31	21	13	21	27
28	49	462	165	80	51	106	34	37	30	20	15	23	28
29	42	1.150	291	78		88	33	43	25	18	17	25	29
30	39	414	194	74		72	31	46	22	17	19	31	30
31	37		146 *	73		68	••	48		17	18		31
MEAN	38.9	129	240	115	59.1	81.8	49.5	40.1	25.0	18.1	13.5	14.7	MEA
MAX.	70.0	1.150	943	239	73.0	449	67.0	80.0	50.0	28.0	19.0	31.0	MA
MIN.	20.0	33.0	107	73.0	48.0	38.0	31.0	23.0	13.0	12.0	9.5	31 · 0 9 · 0	MIN
AC. FT.	2394	7732	14791	7105	3283	5028	2943	2467	1490	1111	829	874	AC.F

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

			W	ATE	R YEA	R	SUMMARY
MEAN		MAXIMU	M			1	
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	П	DISCHARGE
69.1	1480	9.58	12	04	1500	П	8.6

MINIMUM GAGE HT. MO. DAY TIME DISCHARGE 3.14 08 11 0400 8.6

TOTAL ACRE PEET 50046

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD	OF RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.
LAIIIODE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 44 47	121 16 57	SE 2 10N 6E	2,370	15.90	1-26-1969	APR 1966-DATE	APR 1966-DATE	1966		0.00	LOCAL

Station located 1,400 feet above Douglas Street bridge. Prior to November 3, 1969, station located 100 feet above Douglas Street bridge. Tributary to Sacramento River via Back Borrow Pit of Reclamation District 1000 and Linda Creek.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02100	SACRAMENTO RIVER AT SACRAMENTO	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	16,300 16,700 16,500 16,400 15,900	15,100 15,000 15,300 16,000 16,100	53,700 65,900 70,500 71,000 73,200	51,400 51,300 50,900 48,600 45,000	50,600 46,900 44,500 42,700 40,800	19,000 18,500 17,800 17,000	62,600 59,500 56,400 53,500 49,500	23,600 24,200 25,200 26,400 27,300	34,000 34,200 34,400 33,400 32,500	25,100 24,500 23,700 23,400 23,000	18,500 18,500 18,700 18,700 19,100	26,400 26,300 26,400 26,400 25,700	1 2 3 4 5
6 7 8 9	15,400 14,900 14,400 14,300 14,600	17,300 18,400 20,300 20,800 19,900	72,300 71,800 71,100 70,500 69,700	42,400 40,200 38,400 36,800 35,500	39,400 38,100 36,400 34,700 33,400	16,700 16,400 16,400 16,300 16,700	46,000 44,100 43,100 42,700 41,500	28,000 28,800 29,500 30,200 30,800	32,100 31,400 30,600 29,000 28,000	22,600 22,100 21,500 20,900 20,400	19,900 20,200 20,200 20,500 20,500	25,100 24,900 24,900 24,800 25,100	6 7 8 9
11 12 13 14 15	14,500 14,400 14,400 14,500 14,600	21,300 23,800 22,100 21,000 20,200	70,300 70,400 69,600 68,500 67,200	34,600 35,600 38,700 40,100 40,100	32,500 32,000 31,400 30,500 29,800	17,500 18,500 22,000 30,600 36,400	40,300 39,500 38,800 38,300 37,800	31,600 32,200 32,100 32,000 32,100	27,200 26,900 26,500 26,400 26,200	20,300 20,500 20,600 20,600 20,700	20,800 22,000 22,800 23,400 23,700	25,400 25,400 25,000 25,200 25,700	11 12 13 14
16 17 18 19 20	14,400 14,300 14,300 14,200 14,600	19,600 19,600 20,000 21,600 23,000	66,000 65,400 65,200 64,700 63,900	43,200 46,500 52,100 61,100 70,500	29,000 28,200 27,600 26,600 26,100	36,200 35,400 34,400 32,600 30,900	37,400 36,700 36,200 34,700 33,500	32,300 32,200 32,000 31,800 30,400	25,800 25,300 25,000 25,700 25,300	20,500 20,600 20,600 20,600 20,500	23,900 24,000 23,900 22,600 23,500	25,800 26,700 26,200 24,700 23,200	16 17 18 19 20
21 22 23 24 25	15,100 15,400 15,700 16,200 16,200	23,700 23,900 24,300 24,300 24,500	63,400 63,100 62,700 62,200 60,100	71,700 71,400 70,500 69,200 68,100	24,800 23,600 22,400 21,500 20,800	29,500 28,400 28,000 27,800 30,100	32,900 31,900 30,400 28,800 27,100	29,200 28,400 27,700 27,000 26,000	24,200 23,600 23,700 23,600 24,000	20,300 20,100 20,300 20,000 19,400	23,600 23,200 22,600 23,100 24,500	23,900 24,000 24,100 23,800 23,300	21 22 23 24 25
26 27 28 29 30 31	16,300 16,200 15,900 15,600 15,500 15,400	25,100 27,900 30,400 38,100 47,000	56,800 53,300 50,400 49,000 50,000 51,200	66,400 64,400 62,800 61,300 58,400 54,800	20,200 19,700 19,300	36,100 49,700 58,700 62,700 63,300 64,300	26,200 25,300 24,900 24,700 23,800	25,600 25,800 27,000 29,800 32,100 33,600	23,800 23,900 27,000 26,900 25,900	20,100 20,500 20,100 19,400 18,900 18,600	25,200 25,400 25,600 25,700 25,900 26,200	22,500 21,500 20,400 19,700 19,300	26 27 28 29 30 31
MEAN MAX, MIN. AC. FT.	15,260 16,700 14,200 938,400	22,520 47,000 15,000 1,340,000	63,970 73,200 49,000 3,933,000	52,320 71,700 34,600 3,217,000	31,200 50,600 19,300 1,733,000	30,480 64,300 16,300 1,874,000	38,270 62,600 23,800 2,277,000	29,190 33,600 23,600 1,795,000	27,550 34,400 23,600 1,639,000	20,980 25,100 18,600 1,290,000	22,460 26,200 18,500 1,381,000	24,390 26,700 19,300 1,452,000	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW
- E AND #

		m	MAXIMU	L	MEAN)
TIME	DAY	MO. DA	GAGE HT.	DISCHARGE	DISCHARGE
0600	5	12 5	21.79	73,700	31,590
	5	12 5	21.79	73,700	31,590

	MINIM	U M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
14,200		10	19	

TOTAL
ACRE FEET
22,870,000

	LOCATION		MAXIMUM DISCHARGE			PERIOD O	DATUM OF GAGE				
1 4 7171105	E LONGITUDE 1/4 SEC. T. & R.			OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE LONGITUDE		M.D.B.&M.	CFS GAGE HT. DATE		DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 35 20	121 30 15	NW 35 9N 4E	104,000	30.14	12-21-1950	1904-1905	JAN 04-JUL 05	1904	1956	0.12	USCGS
						JUN 21-NOV 21	20-DATE	1956		0.00	USCGS
						MAY 24-DEC 42 0		1956		2.98	USED
						MAY 43-DATE			1965	-0.23	USCGS
								1065		0.00	necce

Station located 1,000 feet above I Street bridge, 0.5 mile below the American River. Below approximately 30,000 cfs, the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then in use. Records furnished by U. S. Geological Survey. Drainage area is 23,530 square miles.

ö - Irrigation season only.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME MIDDLE CREEK NEAR UPPERLAKE 1971 A81810

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	1.0	418	204	60	21	137	41	12	2.0	0.0	0.0	
2	0.0	1.1	660 •	163	55	21	118	42	12 *	1.9	0.0	0.3	2
3	0.0	1.3	1,810	127	49	21	100	47	9.9	1.7	0.0	0.5	3
4	0.0	1.5	1,930	108	46	22	90	43	8.6	1.6	0.0	0.6	1 4
3	0.0	1.7	652	90	44	22	83	43	8.1	1.5	0 • 0	0.6	5
	0.0	1.7	366	79	41	22	78	42	7.6	0.9	0.0	0.6	6
7	0.0	1.3	313	73	38	22	75	41	6.7	0.8	0.0	0.6	7
	0.0	1.3	369	68	35	22	71	40	6.2	0.8	0.0	0.6	1
_	0.0	1.4	309	64	33	23	77	40	5.9	0.7	0 • 0	0.6	
10	0.0	1.3	215	102	30	23	109	40	4.9	0.6	0.0	0.6	10
,,	0.0	1.4	156	152	30	25	78	40	4.4	0.6	0.0	0.6	111
12	0.5	54	125	151	29	636	71 *	40	3.9	0.6	0.0	0 • 4	12
13	0.5	32	112	139	27	293	70	40	3.2	0.5*	0.0	0.6	13
14	0.6	21	94	200	26	201	77	39	2.7	0.5	0.0	0.6	14
15	0.6	15	139	925	26	168	66	39	2.3	0.5	0.0	0.5	15
16	0.6	12	338	2,920	26	143	63	39	2.2	0.6	0.0	0.5	16
17	0.7	9.1	269	1,750	24	135	73	39	2.3	0.8	0.0	0.3	17
18	0.7	7.9	216	944	24	115	67	37	2.3	0.5	0.0	0.1	18
	0.8	7.1	161	566	24	101	61	37	2.2	0.5	0.0	0.0	19
19	0.9	6.2	171	402	23	89	59	37	2.1	0.4	0.0	0.0	
20										0.7			20
21	1.1	6.0	169	307 *	22	79	57	37	2.1	0.5	0.0	0.0	21
22	1.0	5.9	142	240	22	72	54	37	2.2	0.4	0 • 0	0.0	22
23	1.1	5.5	126	186	22	214	53	37	2.1	0.5	0.0	0.0	23
24	1.0	5.6*	114	154	21	150	52	37	2.0	0.3	0 • 0	0.0	24
25	1.0	81	103	129	21 *	396	49	37	2.0	0.2	0.0	0.0	25
26	1.0	82	99	106	21	1,180	47	37	2.1	0.1	0.0	0.0	26
27	1.0	269	94	90	21	574	45	37	2.1	0.0	0 • 0	0.0	27
28	1.0	711	222	80	21	381	43	23	2.3	0.0	0.0	0.0	28
29	1.0	392	612	73		291	42	13	2.2	0.0	0 • 0	0.0	29
30	1.0	504	. 334	67		222	41	12	1.9	0.0	0.0	0.0	30
31	1.1	·	245	63		159		12		0.0	0.0		31
MEAN	0.6	74.7	357	345	30.8	188	70.2	36.3	4.4	0.6	0.0	0.3	MEA
MAX.	1.1	711	1,930	2,920	60.0	1.180	137	47.0	12.0	2.0	0.0	0.6	MAX
MIN.	0.0	1.0	94.0	63.0	21.0	21.0	41.0	12.0	1.9	0.0	0.0	0.0	MIN
AC. FT.	34	4446	21983	21267	1708	11589	4177	2231	259	40		17	AC.FT

E - ESTIMATED NR - NO RECORD

* -- DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.

WATER YEAR SUMMARY

MEAN MAXIMUM DISCHARGE GAGE HT. MO. DAY TIME 93.6 12.17 01 16 4020 1415

MINIMUM GAGE HT. MO. DAY TIME 4.92 10 01 0000 DISCHARGE 0.0

TOTAL ACRE FEET 67751

	LOCATIO	1	M	AXIMUM DISCH	ARGE	PERIOD O	F RECORD	DATUM OF GAGE			
	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GE GAGE HEIGHT PERIOD		RIOD	ZERD	REF.
LATITUDE	LONGITUDE M.D.B.&M. CFS GAGE HT. DATE		DISCHARGE	ONLY	FROM	TO	GAGE	DATUM			
39 10 59	122 54 39	NE1 15N 10W		(OCT 48-SEP 53 MAR 59-SEP 59	OCT 48-DATE	1959 1962	1962	1353.6	USCGS LOCAL

Station located at Rancheria Road Bridge, 1.3 mi. N of Upper Lake. Tributary to Clear Lake. Flow affected by upstream diversion Drainage area is 48.5 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 SCOTTS CREEK AT EICKHOFF ROAD NEAR LAKEPORT A81845

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	228	138	56	16	87	23	4.7	0.3	0.0	0.0	1
2	0.0	0.0	1,100 *	123	51	15	76	25	4.3*	0.0	0.0	0.0	2
3	0.0	0.0	1.870	93	47	15	67	34	4.64	0.0	0.0	0.0	3
4	0.0	0.0	2.010	78	44	16	61	26	4.4	0.0	0.0	0.0	4
5	0.0	0.0	500	66	42	15	56	24	4.3	0.0	0.0	0.0	5
6	0.0	0.0	301	53	40	14	51	22	4.0	0.0	0.0	0.0	6
7	0.0	0.0	258	46	38	14	50	21	3.6	0.0	0.0	0.0	7
	0.0	0.0	284	42	35	14	45	20	3.2	0.0	0.0	0.0	
	0.0	0.0	247	38	33	14	54	19	2.9	0.0	0.0	0.0	
10	0.0	0.0	179	43	32	13	76	18	2.8	0.0	0.0	0.0	10
11	0.0	0.0	130	65	30	15	49	17	2.6	0.0	0.0	0.0	11
12	0.0	0.0	98	94	29	714	45 +	16	2.4	0.0	0.0	0.0	12
13	0.0	0.0	87	105	28	257	45	16	2.3	0.0*	0.0	0.0	
14	0.0	0.0	71	368	27	177	66	15	2.1	0.0	0.0	0.0	14
15	0.0	0.0	110	934	26	140	48	14	2.1	0.0	0 • 0	0.0	1.5
16	0.0	0.0	350	2.940	25	109	45	13	2.0	0.0	0.0	0.0	16
17	0.0	0.0	309	1,580	24	102	51	13	1.9	0.0	0.0	0.0	17
18	0.0	0.0	237	623	22	80	44	12	1.7	0.0	0.0	0.0	18
19	0.0	0.0	179	383	23	65	40	12	1.6	0.0	0.0	0.0	19
20	0.0	0.0	177	282	21	55	39	11	1.5	0.0	0.0	0.0	20
21	0.0	0.0	220	219 +	20	47	36	9.8	1.4	0.0	0.0	0.0	21
22	0.0	0.0	196	178	19	42	34	9.8	1.4	0.0	0.0	0.0	22
23	0.0	0.0	156	149	18	80	34	9.7	1.4	0.0	0.0	0.0	23
24	0.0	0.0	126	125	17	64	32	8.6	1.3	0.0	0.0	0.0	24
25	0.0	0.0	101	107	16 *	300	31	4.4	0.8	0.0	0.0	0.0	25
26	0.0	0.0	93	96	15	1,360	29	3.0	1.4	0.0	0.0	0.0	26
27	0.0	124	85	87	16	430	28	3.1	1.3	0.0	0.0	0.0	27
28	0.0	526	137	80	17	234	26	5.0	0.9	0.0	0.0	0.0	
29	0.0	152	433	73		165	25	6.4	0.9	0.0	0.0	0.0	29
30	0.0	273	240	66		126	24	6.5	0.7	0.0	0.0	0.0	30
31	0.0		170	61		101		5.7		0.0	0.0		31
MEAN	0.0	35.8	344	301	29.0	155	46.5	14.3	2.4	0.0	0.0	0.0	MEAN
MAX.	0.0	526	2+010	2,940	56.0	1,360	87.0	34.0	4.7	0.3	0.0	0.0	MAX
MIN.	0.0	0.0	71.0	38.0	15.0	13.0	24.0	3.0	0.7	0.0	0.0	0.0	MIN.
AC. FT.		2132	21187	18516	1609	9539	2765	879	140	1			AC.FT

- ESTIMATED

NR - NO RECORD - DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

MEAN MAXIMUM DISCHARGE GAGE HT. MO. DAY TIME 01 16 1545 78,4 12.90 3940

WATER YEAR SUMMARY MINIMUM DISCHARGE GAGE HT. MO. DAY TIME 0.0 1.65 01 10 0000

TOTAL 56767

	LOCATION	1	MAXIMUM DISCHARGE			PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE			GAGE HEIGHT	PER	IOD	Z ERO ON	REF.			
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 05 44	122 57 38	NW3 14N 10W	11000	*	1/23/70	OCT 68-DATE	OCT 68-DATE	1968		0.00	LOCAL

Station located at Eickhoff Road Bridge, 4.2 mi. NW of Lakeport. Tributary to Clear Lake via Middle Creek. Flow affected by upstream diversion. Daily flows for January are total flows and include water by-passing due to levee breaks as follows: January 16, 220 cfs; January 12, 180 cfs; January 23, 1910 cfs; and January 24, 510 cfs.

^{*} Maximum discharge includes 7500 cfs by-passing station due to levee breaks. Drainage area is 55.2 sq. mi.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A81940	CLOVER CREEK BYPASS NEAR UPPER LAKE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5			1210 * 980 895 308										1 2 3 4 5
6 7 8 9			150 140 145										6 7 8 9 10
11 12 13 14 15				150 523		206 107							11 12 13 14 15
16 17 18 19 20			178 126	1360 705 435 272 172									16 17 18 19 20
21 22 23 24 25				117 *		117							21 22 23 24 25
26 27 28 29 20 31		150	28 ¹ 4 131			540 212 107							26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.													MEAN MAX MIN. AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

- E AND *

	MAXIM	J M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
2860	6.61	12	3	1915
		DISCHARGE GAGE HT.		DISCHARGE GAGE HT. MO. DAY

	MINIM	U M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
0.0		10	1	

	TOTAL	
Г	ACRE FEET	
l		

	LOCATION			XIMUM DISCH	ARGE	PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE	IDE LONGITUDE 1/4 SEC. T. & R		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 10 33	122 54 00	SE6 15N 9W	4970	7.64	1/23/70	NOV 59-SEP 66 OCT 68-DATE	NOV 59-DATE	1959		0.00	LOCAL

Station located 0.2 mi. above Lake Pillsbury Road bridge, 0.8 mi. N of Upper Lake. Tributary to Clear Lake via Middle Creek. Flows of less than 100 daily mean cfs not published.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 BEAR CREEK NEAR RUMSEY A81250

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.0	1.7	181	63	52	23	31	12	8.1	2.7	0.6	1.0	1
2	0.9	1.6	774	109	49	55	30	13	8.2	2.6#	0.5	1.0	2
3	0.9	2.0	704	57	45 *	22	85	16	7.9	7.5	0 • 5	0.9	3
4	1.0	4.9	1.590	49	44	23	27	14	7.7	2.3	0 • 4	0.8	4
5	1.0	6.3	216 0	46	44	22	27	14	7.2	2.2	0.4	0.6	5
6	1.0	6.8	111	44	43	20	25	14 *	6.6	2.1	0 • 4	0.6	6
7	0.9	5.0	78	42 *	40	19	25	12	5.9	2+1	0.4	0.6	7
	0.9	3.5	96	41	39	19	25	12	5.7	1.9	0.4	0.6	
9	0.8	3.0	73	40	38	19	25 *	13	5.5	1.8	0 • 4	0.5	9
10	1.1	2.8	52	42	37	18	27	13	5.2	1.9	0.3	0.6	10
11	1.1	2.6	43	60	36	19	24	12	5.5	1.9	0.2	0.6	13
12	1.1	2.4	37	61	35	237	22	11	5 • 4	1.9	0.2	0.6	12
13	1.1	2.1*	34	173	34	161	22	10	5.5	1.8	0.2	0.6	13
14	1.1	2.1	33	333	34	54	33	10	4.9	1.7	0.2	0.5	14
15	1.1	2.2	108	299	33	51	24	9.5	4.9	1.7	0.2	0.4	15
16	1.1	2.2	306	1,240	33	39	21	9.0	4.7	1.6	0 • 2	0 • 4	16
17	1.2	2.2	98	580	33 *	33	21	9.2	4.3	1.5	0.2	0.3	17
18	1.9	2.3	163	241	3.0	28	20	9.4	4 • 1	1.5	0.2	0.3	18
19	2.3	2.3	136	171	30	26	18	9.2	4.0	1.4	0.3	0.2	19
20	2.5	2.4	196	138	28	25	18	8.4	4.2	1.2	0.3	0 • 2	20
21	2.4	2.5	231	113	27	24	17	7.7	3.8	1.1	0.3	0.4	21
22	2.60	2.6	106	99	28	23 *	17	7.7	3.5	0.9	0.4	0.5	22
23	2.9	2.8	79	88	28	25	17	7.6	3.3	0.8	0.7	0.6	23
24	2.3	2.8	67	81	26	25	16	7.4	3.5	0.8	0.7	0.7	24
25	1.9	3,2	58	75	25	33	15	7.3	3.4	0.9	0.6	0.7	25
26	1.7	3.6	57	71	23	496 #	15	7.4	3•3	1.0	0 • 6	0.9	26
27	1.6	3.0	54	66	24	95	14	8.8	3.4	0.9	0.5	1 • 0	27
28	1.4	641	50	63	24	54	13	10	3 • 1	0.7	0.5	1.04	28
29	1.5	875	162	59		43	12	10	3.0	0.7	0.5	1.0	29
30	1.6	212	92	56		37	12	9.7	2.9	0.8	0.7*	1.3	30
31	1.7		67	54		33		9.2		0.8	0.9*		31
MEAN	1.5	61.2	195	150	34.4	57.0	21.4	10.4	5.0	1.5	0.4	0.6	MEA
MAX.	2.9	875	1.590	1,240	52.0	496	33.0	16.0	8.2	2.7	0.9	1.3	MAX
MIN.	0.8	1.6	33.0	40.0	23.0	18.0	12.0	7.3	2.9	0.7	0 • 2	0.2	MIN
AC. FT.	9.0	3641	12004	9231	1918	3507	1271	642	295	95	26	38	AC.FT

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR

OBSENVATION OF FLOW MADE THIS DAY.

= E AND •

WATER YEAR SUMMARY

MEAN	MAXIMUM					MINIMUM						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME		
45.2	3740	8.01	12	04	0445	0.0	0.41	08	11	1915		
					L/		9			سلا		

TOTAL ACRE PEET 32748

LOCATION			MAXIMUM DISCHARGE			PERIOD O	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R. M.D.B.&M.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
			CFS	GAGE NT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 56 38	122 20 34	SW 30 13N 4W	9,270	11.93	1-5-1965	SEPT 1955-DATE	SEPT 1955-DATE	1955		0.00	LOCAL

Station located 7.3 miles northwest of Rumsey, 1.4 miles above mouth. Tributary to Cache Creek. Drainage area is 100 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 A81200 CACHE CREEK ABOVE HUMSEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	137	8.2	1,540	1,840	911	147	2,560	518	437	610	507	339	1
2	161	8.0	2.850	1,900	1,200	150	2,530	518	428	566	482	332	2
3	141	9.4	3,560	1.720	351 #	157	2,470	515	448	539	523	344	3
4	138	18	10.200	1,650	323	157	477	466	503	536	532	369	4
5	138	40	2.240	1,610	290	156	329	423	510	. 535	532	376	5
6	137	74	1,270	1,290	298	142	309	382	491	561	548	378	6
7	134	76	896	436 #	286	138	296	362	518	532	520	359	7
	121	56	956 #	401	274	143	277	382	612	543	484	362	
9	107	112	834	382	565	142	270 #	399	642	544	448	356	9
10	108	84	659	357	254	140	339	382	593	571	425	323	10
11	108	61	539	516	246	136	304	365	602	558	419	290	11
12	75	48	459	565	238	882	267	357	599	575	446	283	12
13	64	50 4	404	701	233	1,320	249	365	598	593	477	259	13
14	63	49	373	1,260	230	604	292	396	603	609	461	302	14
15	58	38	381	2.130	229	525	264	447	613	621	449	341	15
16	56	32	1,180	8,440	223	422	337	482	598	679	435	347	16
17	56	28	885	7,960	221 4	378	349	499	630	684	493	342	17
18	51	26	860	5,540	211	333	350	499	700	710	495	339	18
19	40	2.4	803	4.540	207	305	330	518 #	722	735	481	303	19
20	44	53	746	3,95n	195	281	328	547	706	713 *	469	259	20
21	40	2.2	1.090	3,560	188	260	320	562	666	718	418	580	21
22	41 4	21	763	3.280	185	242 *	312	567	683	716	417	291	22
23	35	21	691	3.010	181	257	350	584	717	710	453	292	23
24	18	21	1,310	2,870	173	327	410	611	715	721	451	275	24
25	13	23	1,560	2,730	167	337	497	576	712	695	446	276	25
26	11	25	1,540	2,610	158	2,900	488	610	696	664	424	250	26
27	10	88	1,520	2,510	155	2,730	495	651	693	649	430	209	27
28	10	3,550	1,520	2,450	154	2,350	536	681	646	615	423	211	4 28
29	9.0	2.870	2,590	2,140		2,390	553	563	643	572	406	210	29
30	8.7	1.370	-2,180	993		2,640	521	490	654	541	408 *	189	30
31	8.4		1,950	947		2,600		423		541	374 #		31
MEAN	69.1	295	1,559	2.396	287	764	580	488	612	617	460	302	MEAI
MAX.	161	3,550	10,200	8,440	1,200	2,900	2,560	681	722	735	548	378	KAM
MIN.	8.4	8.0	373	357	154	136	249	357	428	532	374	189	MIN
AC. FT.	4247	17603	95899	147348	15953	46990	34530	30030	36452	37995	28316	18022	AC.FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR

OBSENVATION OF FLOW MADE THIS DAY.

— E AND *

	MAXIMU	M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
17900	14.46	12	04	0530
		DISCHARGE GAGE HT.		DISCHARGE GAGE HT. MO. DAY

MINIMUM											
DISCHARGE	GAGE HT.	MO.	DAY	TIME							
7.9	0.70	10	31	0945							

TOTAL
ACRE PEET
513385

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD O	F RECORD		DATU	M OF GAGE	F GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	CONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
38 54 47	122 16 14	SE 2 12N 4W	43,400	19.59	1-24-1970	OCT 59-SEPT 63	OCT 59-DATE	1959		0.00	LOCAL	
						JUN 65-DATE						

Station located 0.4 mile below State Highway 16 bridge, 2.5 miles northwest of Rumsey. Flow regulated by Clear Lake. Drainage area is 955 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 POPE CREEK NEAR POPE VALLEY A95010

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.2	0.5	466	122	63	27	68	16	8.3	1.4	0.2	0.0	1
2	0.1	0.5	1,400	181	60	27	61	18	8.2	1.4	0.1	0.1	2
3	0.1	0.7	2,180	93	56	27 *	56	19	7.9	1.4	0.1*	0.1*	
4	0.1	3.2	3,450	73	54	27	52	18	7.4	1.4	0.1	0.0	4
5	0 • 1	35	740	6.3	52	26	48	17	7•0	1.4	0 • 1	0 • 0	5
6	0.1	120	311	55	51	25	45	16	6.6	1.4	0.1	0.0	6
7	0 • 1	30	202	49	48	25	43	15	6.2	1.3	0 • 1	0 • 0	7
8	0.1	12	212	43	46	25	40	14	5.7	1.3	0.1	0.0	
9	0.1	8.8	159	43	44	24	38	14	5.0	1.3*	0.1	0.0	9
10	0.1	14	115	77	42	24	48	13	. 4.5	1.2	0 • 1	0.0	10
11	0 • 1	9.6	90	275	41	24	39	12	4.0	1.1	0 • 1	0 • 0	11
.12	0.1	15	72	367	40	546	36	12 *	3.9	1.1	0 • 1	0.0	12
13	0.1	10	58	600	38	241	36	11	3.7	1.0	0.0	0.0	13
14	0 • 1	7.6	50	893 *	37	145	45	11	3.6	0.9	0.0	0.0	14
15	0 • 1	6.5	93	587	36	133	36 *	10	3.4	0.8	0.0	0 • 0	15
16	0.1	5.6	511	730	35	88	32	9.9	3.5*	0.7	0.0	0.0	. 16
17	0.1	5.2	276 *	648	34	72	33	9.4	2.5	0.7	0.0	0.0	17
18	0.1	4.7*	308	417	32 *	58	29	8.9	2.2	0.7	0.0	0.0	18
19	0 • 1	4.1	204 445	300 236	33 31	51 45	27 26	7.0	2.1	0.5	0.0	0.0	19
20	0.2	3.7	445	230	21	45	40	9.1	2.0	0.6	0.0	0.0	20
21	0 • 4	3.5	587	191	30	41	25	A.6	1.9	0.5	0.0	0 • 0	21
22	0.5	3.3	239	157	30	38	24	8.1	1.9	0.5	0.0	0.0	22
23	0.5*	3.1	144	134	29	44	23	7.9	1.9	0.4	0.0	0.0	23
24	0.6	3.4	1 05	114	29	64	22	7.9	1.9	0.4	0.0	0.0	24
25	0.6	27	87	100	88	84	22	7,8	1.7	0.3	0.0	0.0	25
26	0.5	39	79	92	27	1,060	21	7.7	1 • 7	0.3	0 • 0	0 • 0	26
27	0 • 4	399	73	85	28	257	19	8.2	1.7	0.3	0.0	0.0	27
28	0 • 4	1,680	149	79	28	155	19	9.6	1.7	0.3	0.0	0.0	28
29	0 • 4	888	574	74		116	18	10	1.7	0.2	0.0	0.1	29
30	0.4	455	223	69		93 77	17	9.7	1.6	0.2	0.0	0.2	30
31	0.5		130	66		//		8.7		0.2	0.0		31
MEAN	0.2	126	443	226	39.4	119	34.9	11.4	3.8	0.8	0.0	0.0	MEAN
MAX.	0.6	1.680	3,450	893	63.0	1,060	68.0	19.0	8.3	1.4	0.2	0.2	MAX.
MIN.	0.1	0.5	50.0	43.0	27.0	24.0	17.0	7.0	1.6	0.2	0.0	0.0	MIN.
AC. FT.	15	7533	27237	13910	2186	7317	2079	702	229	50	3	1	AC.FT.

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

$\overline{}$	MAYIMI	1 44	 _		MINIMI	1 44		-
	GAGE HT.	MO.			GAGE HT.	MO.		ı
		DISCHARGE GAGE HT.	DISCHARGE GAGE HT. MO. DAY	DISCHARGE GAGE HT. MO. DAY TIME	DISCHARGE GAGE HT. MO. DAY TIME DISCHARGE	DISCHARGE GAGE HT. MO. DAY TIME DISCHARGE GAGE HT.	DISCHARGE GAGE HT. MO. DAY TIME DISCHARGE GAGE HT. MO.	DISCHARGE GAGE HT. MO. DAY TIME DISCHARGE GAGE HT. MO. DAY

TOTAL ACRE PEET 61261

TIME 1300

	LOCATIO	N	MAX	CIMUM DISCH	IARGE	PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE	1/4 SEC. T. & R.		DE LONGITUDE 1/4 SEC. T. & R. OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
CATTIONE	LONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	Journal	ONLY	FROM	TO	GAGE	DATUM
38 37 48	122 19 52	SW 17 9N 4W	18,000 E	19.79	1-31-1963	DEC 1960-DATE	DEC 1960-DATE	1960		0.00	LOCAL

Station located 5.2 miles east of Pope Valley. Tributary to Lake Berryessa. Drainage area is 78.3 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME A09115 PUTAH CREEK. SOUTH FORK. NEAR CAVIS

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.3	2.8	67	26	496	143	922	52	24	12	12	5.2	
2	5 • 5	4 • 8	448	22	371	102	728	52	22	18	ii	3.8	2
3	1.0	14	138	28	470	93	752	52	20	16	2.4	2.4	3
4	0 • 4	8.8	1+330	27	495	85	571	58	23	12	3.2	0.9	4
5	5.2	11	251	34	355	83	488	50	29	16	6 • 7	0.2	5
	12	15 17	79	32	316 342	83	408	46	20 25	11	7.9	1 • 1	
7			37			82	317	42		16	9.6	9.1	7
	10	7.7	25	26 27	364	68	220	42	23	14	5.0	7.8	- i
9	14	8 • 1	17	27	358	52	216	45	15	19	5.0	5 • 1	9
10	8 • 3	7 • 1	19	27	357	44	216	48	18 •	10	3.0	1.5	10
11	6.3	5.4	19	28	342	42	220	41	19	6.1	1.5	0 • 4	111
.12	8.8	4.4	19	26	235	47	208	39	24	6.4	0.8	0.2	12
13	9.7	5.9	16	34	238	429	129	39	26	12	2.7	0.4	13
14	9.7	6.4	13	45	271	531	138	44	24	3.7	6.5	0.5	14
15	10 •	13	14	35	289	588	152	42	20	5.5	3.1	0.5	15
16	8.1	13	59	33	284	663	140	34	21	3,90	1.9	0.5	16
17	10	12	78 •	27	259	563 4	96	38	20	10 7.5	2.1	0.5	17
18	8.1	8.7	65	68	276 .	539	109	40	29	7.5	1.4	0.2	18
19	15	7.0	91	242	253	448	99	41	19	10	1.2	0.2	19
20	17	5.90	42	329	247	360	68	37	15	10 7.9	1.3	0.3	20
21	10	4.6	445	469	227	336	55	32	21	12	0.8	0.4	21
22	14	5.5	90	425 +	191	285	55	33	20	13	0.7	0.3	22
23	15	7,6	51	408	211	253	52	31	16	13	1.4	0.3	23
24	12	7.7	37	485	192	340	47	32	19	13	1.5	0.3	24
25	19	8.6	24	641	186	266	45	29	18	15	6 • 1	0 • 1	25
26	20	8.3	25	573	189	734	45	21	15	11 5.3	8.4	0.1	26
27	12	8.8	23	535	167	1,450	44	27	20	5.3	4.8	0.4	27
28	7.7	53	21	532	131	1,480	48	28	22	6.3	2.9	0.5	28
29	8.7	198	. 20	473		1,450	43	43	24	8.4	6.2	0.6	29
30	4 • 6	205	70	545		1.360	48 •	37	26	15	10	6.5	30
31	3 • 2		52	561		1,170	i	35		10	8.7		31
MEAN	9,7	22.8	118	218	289	457	555	39.7	21.2	10.9	4,5	1.7	MEAN
MAX.	20 • 0	205	1 • 330	641	496	1,480	922	58.0	29.0	19.0	12.0	9.1	MAX
MIN.	0 • 4	2.8	13.0	22.0	131	42.0	43.0	21.0	15.0	3.7	0.7	0.1	MIN
AC. FT.	594	1359	7309	13460	16090	28104	13248	2440	1263	672	277	100	AC.FT

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

			W	ATE	R YEA	F
MEAN		MAXIMU	M			
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	l
117.3	1590	7.17	03	27	1745	I
						•

R SUMMARY MINIMUM GAGE HT. MO. DAY TIME DISCHARGE 0.1 2.17 09 26 0615

TOTAL ACRE PEET 84916

	LOCATIO	И			MA	XIMUM DISCH	ARGE	PERIOD	DATUM OF GAGE				
LATITUDE	ATITUDE LONGITUDE 1/4 SEC. T. & R		R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
EXIIIODE	EONGITODE	M.D	.B.&M.		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 31 02	121 45 21	NE 28	8N	2E	14,700	18.48	1-24-1970	OCT 1957-DATE	OCT 1957-DATE	1957		24.57	USCGS

Station located at low water bridge, 0.8 mile below U. S. Highway 40 bridge, 2.3 miles southwest of Davis. Tributary to Yolo Bypass.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A02935	YOLO BYPASS NEAR WOODLAND	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	48 25 12 6.6 6.1	6.6 6.1 6.6 11	4,170 5,310 15,100 21,700 32,500	2,460 2,410 2,350 2,220 2,110	1,620 1,540 1,610 1,160 815	109 95 94 102 100	3,590 2,960 2,780 2,650 1,720	12 23 30 39 42	868 860 832 788 558	6.6 6.1 13 26 26	0.2 0.1 0.1 0.2 0.3	0.0 21 72 83 92	1 2 3 4 3
6 7 8 9	6.6 6.6 3.3 4.6 5.6	20 40 50 45 31	30,100 32,000 28,800 23,400 21,500	2,040 1,880 1,290 942 758	670 614 572 542 518	94 88 90 83 69	1,150 778 502 445 455	46 202 568 666 815	342 175 88 80 74	13 3.3 1.2 1.2 0.9	0.6 0.3 0.2 0.2 0.2	85 90 85 79 72	6 7 8 9
11 12 13 14 15	5.6 6.6 29 32 18	13 9.6 7.8 7.8 5.1	22,500 21,600 16,800 11,100 6,160	710 735 825 942 1,560	498 500 508 500 488	57 63 138 824 728	361 287 222 169 122	973 1,080 1,130 1,130 1,120	54 52 51 45 1.5	0.9 0.9 0.9 0.3 0.1	0.2 0.2 0.2 0.1 0.1	63 40 19 13 11	11 12 13 14 15
16 17 18 19 20	12 12 12 13 14	4.1 3.0 3.0 1.8 1.5	3,840 2,850 2,640 2,590 2,880	2,400 6,660 7,600 6,590 22,100	470 452 424 354 263	580 440 301 246 180	77 69 69 69 63	1,130 1,170 1,090 990 856	0.0 0.0 0.0 0.0	0.0 0.0 0.2 0.3 0.6	0.1 0.1 0.1 0.1 0.1	11 12 12 10 10	16 17 18 19 20
21 22 23 24 25	14 13 13 14 19	1.2 1.8 2.1 2.4 3.0	2,860 3,010 2,740 2,360 2,260	30,600 26,500 21,500 16,300 11,200	186 169 160 142 130	148 126 118 115 99	72 68 54 44 25	757 611 529 352 109	0.0 0.0 0.0 0.0 0.0	0.6 0.6 0.6 0.2 0.1	0.0 0.0 0.0 0.0 0.0	11 11 9.0 4.1 3.7	21 22 23 24 25
26 27 28 29 30 31	25 25 24 21 13 9.0	5.6 5.6 22 1,650 4,110	2,330 2,280 2,200 2,190 2,840 2,700	7,150 4,990 3,790 3,060 2,590 1,840	122 109 118	164 1,830 2,750 3,990 6,180 5,180	12 5.6 6.1 11 9.6	74 56 58 80 466 822	0.0 0.0 0.0 9.6 16	0.1 0.0 0.0 0.0 0.1 0.2	0.0 0.0 0.0 0.0 0.0	12 21 30 22 20	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	15.1 48 3.3 929	203 4,110 1.2 12,080	10,820 32,500 2,190 665,100	6,400 30,600 710 393,300	545 1,620 109 30,260	812 6,180 57 49,950	628 3,590 5.6 37,380	549 1,170 12 33,770	163 868 0.0 9,710	3.4 26 0.0 207	0.1 0.6 0.0 6.7	34.1 92 0.0 2,030	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED NR - NO RECORD

- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	MINIMUM							
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
1,705	33,300	25.64	12	5	0700	0.0		6	16	
$\overline{}$		L	_				-			

_	TOTAL	
Γ	ACRE FEET	
	1,235,000	

	LOCATIO	N	MA	XIMUM DISCH	ARGE	PERIOD 0	F RECORD	DATUM OF GAGE				
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO	REF.	
LATITUDE	LORGITODE	M.D.B.&M.	CFS	GAGE HT. DATE		DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
38 40 40	121 38 35	SE 28 10N 3E	272,000	32.00	2-8-1942	MAR 30-OCT 38 8	1940-1941 #	1930	1941	0.73	USED	
						JAN 1939-DATE	1941-DATE	1941		0.00	USED	
								1941		-3.41	USCGS	

Station located just above the Sacramento-Woodland Railroad bridge, 6 miles above the Sacramento Bypass, 7 miles below Fremont Weir, 7 miles east of Woodland. Supplementary water stage recorder, located 7 miles downstream, used for computations during periods of low flow. Stage-discharge relationship at supplementary recorder location at times affected by tidal action. Records furnished by U. S. Geological Survey.

 $^{{\}rm ""}$ - Irrigation season only. ${\rm \#"}$ - Flood season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	В07020	SAN JOAQUIN RIVER NEAR VERNALIS	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1,420 *	1,120	3,580 *	5,880	4,730 *	2,620 *	2,270 *	1,390	1,910 *	2,040	780	1,000 *	1
2	1,530	1,140 *	3,430	5,920	4,740	2,570	2,130	1,560	1,760	1,700	870	1,010	1 2
3	1,550	1,150	3,590	6,080	5,100	2,420	2,050	1,760 *	1,650	1,530	870 *	980	1 3
4	1,590	1,190	3,590	6,110	4,980	2,380	2,000	1,830	1,600	1,490	790	986	4
5	1,600	1,270	3,640	6,040 *	4,710	2,400	1,820	1,860	1,500	1,530	775	1,020	5
6	1,640	1,360	4,620	5,780	4,670	2,380	1,820	1,900	1,440	1,370 *	770	1,010	6
7	1,570	1,470	5,230	5,100	4,700	2,390	1,930	1,860	1,480	1,180	830	1,030	7
8	1,530	1,530	5,270	4,780	4,700	2,470	1,980	1,960	1,380	1,140	845	986	8
9	1,500	1,520	4,730	4,710	4,580	2,440	1,940	2,360	1,550	1,090	850	997	9
10	1,540	1,480	3,830	4,660	4,600	2,280	1,950	2,620	2,030	1,050	795	930	10
11	1,570	1,470	3,260	4,560	4,620	2,280	2,050	2,430	2,470	1,080	757	940	11
12	1,560	1,550	3,590	4,410	4,740	2,300	2,000	2,240	2,450	1,110	762	1,110	12
13	1,550	1,560	3,900	4,380	4,690	2,470	1,740	1,980	2,350	1,050	734	1,150	13
14	1,590	1,590	4,150	5,070	4,290	2,690	1,980	1,860	2,330	940	795	1,040	14
15	1,650	1,600	4,350	5,660	4,010	3,020	2,150	1,650	2,760	900	950	935	15
16	1,820	1,570	4,550	5,900	4,140	3,140	2,060	1,590	3,060	865 *	1,010	890	16
17	1,860	1,600	4,660	5,530	4,630	3,060	2,240	1,840	2,890	860	945	890	17
18	1,670	1,570	5,060	5,150	4,670	2,860	2,440	2,260	2,700	945	875	945	18
19	1,530	1,540	5,470	5,080	4,670	2,630	2,570	2,330	2,860	1,040	870	986	19
20	1,440	1,520	5,760	5,140	4,580	2,500	2,500	2,270	3,030	930	890	1,050	20
21	1,370	1,520	6,100	5,160	4,560	2,330	2,440	1,840	2,960	830	830	1.020	21
22	1,300	1,620	6,330	5,220	4,510	2,320	2,110	1,700	2,590	762	930	1,050	22
23	1,280	1,750	6,630	5,230	4,410	2,290	1,700	1,530	2,510	757	1,070	1,120	23
24	1,280	1,800	6,610	5,460	3,980	2,290	1,660	1,520	2,360	748	1,080	1,260	24
25	1,290	1,860	6,500	5,560	3,830	2,310	1,720	1,390	2,210	805	970	1,300	25
26	1,250	1,950	6,510	5,370	3,470	2,880	1,680	1,300	2,400	935	870	1,350	26
27	1,240	1,990	6,500	5,030	2,990	3,220	1,580	1,230	2,280	905	945	1,440	27
28	1,200	2,040	6,400	4,780	2,660	3,100	1,550	1,310	2,860	905	925	1,510	28
29	1,200	2,750	6,310	4,560	'	2,970	1,410	1,590	3,900	875	1,060	1,480	29
30	1,190	3,570	6,240	4,440		2,760	1,370	1,790	2,390	855	1,120	1,500	30
31	1,140	,	5,970	4,560		2,500		2,060		825	1,080	· ·	31
EAN	1,466	1,655	5,044	5,204	4,391	2,589	1,961	1,833	2,322	1,066	892	1,097	MEA
AAX.	1,860	3,570	6,630	6,110	5,100	3,220	2,570	2,620	3,900	2,040	1,120	1,510	MAX
MIN.	1,140	1,120	3,260	4,380	2,660	2,280	1,370	1,230	1,380	748	734	890	MIN
C. FT.	90,150	98,480	310,100	320,000	243,900	159,200	116,700	112,700	138,200	65,540	54,830	65,290	AC.F

WATER YEAR SUMMARY

E -- ESTIMATED

NR -- NO RECORD

* -- DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

MEAN		MAXIMU	M		MINIMUM					
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
2,452	6,710	16.69	12	23	1530	734	9.11	8	13	
					_			1		

TOTAL	7
ACRE PEET	П
1,775,000	J

LOCATION				MA	XIMUM DISCH	ARGE	PERIOD 0	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. &	R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	CONGITUDE	M.D.B.&M.		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
37 40 34	121 15 55	NW 13 3S	6E	79,000	32.81	12-9-1950	JUL 22-DEC 23 8	JUL 22-DEC 23 8	1931	1959	5.06	USCGS
					•		JAN 24-FEB 25	JAN 24-FEB 25	1959		0.00	USCGS
							JUN 25-OCT 28 8	JUN 25-OCT 28 8	1959		3.3	USED
							MAY 29-DATE	MAY 29-DATE				

Station located 30 feet above the Durham Ferry Highway bridge, 3 miles below the Stanislaus River, 3.4 miles northeast of Vernalis. Maximum discharge listed at site then in use and present datum. Records furnished by U. S. Geological Survey. Drainage area is 13,540 square miles.

 $[\]ddot{o}$ - Irrigation season only.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	в02920	DUCK CREEK DIVERSION NEAR FARMINGTON	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5		0.0 0.0 0.0 0.0 0.0	108 45 0.0 0.0 0.0										1 2 3 4 5
6 7 8 9 10	N	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	N	N	N	N	N	N	N	N	N	6 7 8 9 10
11 12 13 14	0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0	0	0	0	0	0	o	0	0	11 12 13 14
15 16 17 18 19 20	F L O W	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	F L O W	F L O	F L O	F L O W	F L O	F L O	F L O	F L O	F L O	15 16 17 18 19 20
21 22 23 24 25		0.0 0.0 0.0 0.0 0.0	7.1 0.0 0.0 0.0 0.0							ī			21 22 23 24 25
26 27 28 29 30 31		0.0 0.0 36 345 12	0.0 0.0 0.0 0.0 0.0										26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.		13.1 345 0.0 780	5.2 108 0.0 318										MEAP MAX MIN. AC.FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* ~ DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

— E AND *

MEAN		MAXIMU	J M			MINIMUM						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME		
1.5	910		11	29)	0.0		10	01			
	$\overline{}$		_				-		11	_		

6	TOTAL	1
Г	ACRE FEET	
	1,100	

LOCATION MAXIMUM DISCHARGE			ARGE	PERIOD C	DATUM OF GAGE						
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO ON	REF.
CATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
37 56 18	120 59 21	NE 16 1N 9E	3,690	7.65	4-2-1958	SEPT 1951-DATE	SEPT 1951-DATE	1951		105.0	USGS

Station located 1.0 mile northeast of Farmington. Flows are diversions from Duck Creek to Littlejohn Creek. Records furnished by U. S. Corps of Engineers. Drainage area is 28 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	802870	LITTLEJOHN CREEK AT FARMINGTON

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.4	2.9	1051	75	25	4.4	17	4.4	4.6	3.8	4.8	5.0	1
2	9.6	2.4	990	98	24	4.2	10	4.8	5.2	4.2	3.3	4.6	2
3	11	2.0	1390	108	22	3.8	8.3	5.6	5.6	5.6	3.2	4.6	3
4	10	2.4	1264	78	21	3.6	7.0	4.6	4.8	5.2	3.8	5.8	4
5	9.2	5.4	537	60	18	3.3	5.2	3.9	4.8	4.8	5.0	7.0	5
6	7.4	6.6	450	45	16	3.4	4.4	4.2	5.0	5.2	3.8	6.8	6
7	7.4	16	344	32	16	2.6	4.4	4.4	5.6	4.4	4.2	6.0	7
	6.6	11	386	48	14	3.5	5.0	5.6	3.9	5.2	4.0	4.8	8
9	6.2	8.8	348	44	13	3.5	4.4	4.4	4.8	6.0	3.7	4.6	9
10	3.7	8.8	328	42	12	3.3	4.4	5.6	7.0	7.2	4.0	6.0	10
11	4.0	7.4	132	40	10	3.2	4.0	6.6	7.6	7.0	5.6	5.6	11
12	7.6	6.6	106	39	9.2	2.8	4.2	7.8	7.4	5.8	4.6	7.0	12
13	7.0	5.4	87	112	8.0	3.6	4.4	7.4	6.0	5.4	4.0	9.2	13
14	6.4	6.0	70	312	7.2	6.0	4.6	6.4	3.8	4.4	4.6	12	14
15	9.2	3.4	55	348	6.6	10	4.8	5.8	3.2	4.6	4.3	12	15
16	9.2	3.4	41	448	6.0	11	5.0	4.8	3.3	5.6	5.6	10	16
17	8.0	3.3	125	159	5.6	9.5	4.6	4.2	3.3	5.6	4.6	8.3	17
18	7.6	2.8	218	113	5.2	8.0	5.4	3.5	4.4	6.0	4.2	7.8	18
19	6.0	2.3	310	88	5.0	6.4	5.6	2.7	5.2	5.8	4.0	7.4	19
20	8.4	1.8	356	68	4.8	5.4	5.6	3.4	4.4	5.6	3.9	9.5	20
21	18	1.4	354	52	4.6	3.4	5.8	3.8	4.0	4,8	5.0	10	21
22	17	1.3	515	38	4.8	2.3	5.4	3.4	3.5	4.4	5.8	10	22
23	13	1.2	342	28	5.2	2.5	5.6	3.8	3.9	5.0	5.6	8.0	23
24	9.6	1.3	412	51	4.8	2.4	4.4	3.9	4.0	3.9	5.2	7.0	24
25	7.4	2.2	338	48	5.0	2.4	4.0	5.6	4.4	4.4	5.0	5.0	25
26	6.2	5.0	125	44	4.6	4.2	3.6	4.4	3.7	5.6	3.9	7.0	26
27	5.2	7.8	129	39	4.4	103	3.6	4.2	3.6	5.6	4.4	7.8	27
28	5.2	26	156	35	4.8	74	3.7	4.4	3.3	3.9	3.3	7.8	28
29	4.2	669	126	32	1	51	4.2	3.9	3.4	3.8	3.6	11	29
30	3.8	814	. 113	29	ł	36	5.2	4.6	3.7	4.6	5.2	11	30
31	3.4		92	27		25		4.4		4.4	4.8		31
AEAN	7.9	54.6	364	89.7	10.2	13.2	5.5	4.7	4.6	5.1	4.4	7.6	MEAN
WAX.	18	814	1390	448	25	103	17	7.8	7.6	7.2	5.8	12	MAX
MIN.	3.4	1.2	41	27	4.4	2.3	3.6	2.7	3.2	3.8	3.2	4.6	MIN.
AC. FT.	486	3,250	22,390	5,510	569	809	325	291	272	313	272	453	AC.FT,

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND +

MEAN.	MAXIMUM						UM			
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
48.3	1,390		12	03)	1.2		11	23	

	TOTAL	
Г	ACRE PRET	
	34,950	

LOCATION			MAXIMUM DISCHARGE			PERIOD C	PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.		
	CONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM		
37 55 38	121 00 08	NE 20 1N 9E	3,590	15.40	4-3-1958	JUNE 1952-DATE	JUNE 1952-DATE	1952		89.97	USCGS		

Station located 340 feet below Farmington-Escalon Highway bridge. Flows entering Littlejohn Creek via Duck Creek Diversion are included. Flow regulated by Farmington Reservoir. Records furnished by U. S. Corps of Engineers.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 B02805 FRENCH CAMP SLOUGH NEAR FRENCH CAMP

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	NR NR 70 70 72	3.5 2.6 2.9 14 44	1,490 1,360 1,610 1,560 838	83 79 110 85 71	25 24 23 23 22	4.0 4.8 5.5 5.0 3.8	54 65 57 57 49		NR NR NR 102 100	47 44 67 75 46	40 30 NR NR NR	73 75 68 74 90	1 2 3 4 5
6 7 8 9 10	85 93 88 61 83	51 51 50 20 *	522 404 200 157 * 136	64 * 58 48 42 39	19 18 17 16 *	2.4 4.8 8.5 37 29	44 77 56 69 65	N	90 62 55 75 94	49 54 40 53 54	NR NR NR NR	98 77 84 98 126	6 7 8 9 10
11 12 13 14 15	81 108 79 84 90	10 8.9 7.3 10 6.4	115 94 77 65 58	39 38 39 252 373	14 13 12 9.8 8.8	69 * 74 99 37 26	69 48 45 102 83	O R	95 * 79 107 83 62	39 30 18 24 9.7	NR NR NR NR NR	111 87 117 * 142 136	11 12 13 14 15
16 17 18 19 20	82 87 63 54 38	2.9 2.8 3.3 6.2 5.8	51 63 164 238 404	314 174 127 102 81	8.0 8.3 7.9 8.2 7.9	22 22 26 26 28	65 * 88 98 88 74	Е С О	42 38 24 52 42	7.3 38 26 27 9.8	NR NR 19 23 32	142 * 122 118 113 102	16 17 18 19 20
21 22 23 24 25	27 24 20 13 10	3.3 2.8 2.5 3.2 6.1	338 547 505 237 162	68 59 51 45 40	5.9 4.7 5.2 6.0 5.6	22 30 42 45 75	66 54 NR NR NR	R D	49 14 17 17 29	6.6 * 7.2 17 38 46	35 58 59 64 65	106 100 115 115 115	21 22 23 24 25
26 27 28 29 30 31	8.6 6.9 6.5 5.2 5.1 4.6	24 74 37 784 1,020	125 111 143 129 112 97	36 33 33 34 * 34 28	5.5 4.8 4.0	139 * 154 144 97 75 56	NR NR NR NR		21 18 33 43 44	40 24 24 24 39 45	47 57 67 100 72 81	131 117 111 107 127	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	NR NR NR NR	75.8 1,020 2.5 4,511	390 1,610 51 24,024	86.4 373 28 5,314	12.2 25 4.0 678 .	45.6 154 2.4 2,802	NR NR NR NR	NR NR NR NR	NR NR NR NR	34.5 75 6.6 2,120	NR NR NR NR	106 142 68 6,341	MEAN MAX. MIN. AC.FT.

WATER YEAR SUMMARY

DISCHARGE

NR

PERIOD OF RECOR

JAN 50-MAY 50

OCT 50-DATE

E - ESTIMATED NR - NO RECORD

- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

LOCATION

LONGITUDE

37 52 52 | 121 14 53 | NE 6

1/4 SEC. T. & R. M.D.B.&M.

18 7E

- E AND *

LATITUDE

4

DISCHARGE

JAN 50-MAY 50 OCT 50-DATE

MO. DAY TIME

12 3 2100

RECORD		DATU	M OF GAGE	
GAGE HEIGHT	PER	IOD	ZERO	REF.
OHLY	EDOM	TO	CACE	DATUM

0.00

4.00

1950 | 1955 |

1955

NR

LOCAL

LOCAL

Station located at Airport Way bridge, 1.5 miles east of French Camp. During periods when backwater from a temporary diversion dam affects the stage-discharge relationship, a supplementary water stage recorder, located 0.5 mile downstream on the bypass, is used for computations. Tributary to San Joaquin River. Maximum discharge listed at site and datum then in use.

DATE

12-9-1950

DISCHARGE

1,720

MAXIMUM DISCHARGE

OF RECORD

GAGE HT.

6.31

CFS

3,390

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	802520	CALAVERAS HIVER NEAR STOCKTON

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.3	0.0	13	12	10	0.2	10	12	6.0	9.3	5.1	26	1
2	5.1*	0.0	18	12	2.9	4.5	4.10	13	12	19	12	30	2
3	8.4	0.0	14	13	3.6	4.2#	1.7	11	17	22	14	24	3
4	9.1	0.0	11	9.14	7.4	11	1.1	12	14	29	12	13	4
5	9.9	0.0	13	7.4	7.5	12	1.3	13	8.9	28	10	20	5
6	5.8	0 • 0 *	8.7	6.2	7.4	12	1 • 4	6.6	5.8	16	10	18	6
7	3.7	0.0	6.7	5.4	7.2	12	1.0	1.9	2.4	7.4	12	17	7
	1.1	0.0	5.9	4.8	7.1	12	0.9	1.7	15	3.1	17	12	
9	1.4	0.0	5.9	7.0	7.1	8.8	0.9	2.0	8.9	9.0	10	9.5	9
10	0.3	0.0	6.0	7.1	6.9	9.7	0 • 9.	2.0	18	13	4.9	12	10
11	0.1	0.0	4.A	7.1	5.8	9.5	0.9	5.3	21	14	1.5	16	111
12	0.0	0.0*	4.0	7.3	6.8	12	1.0	5.8	17	9.2	14	19	12
12	0.0	0.0	3.3	19	6.7	18	0.7	4.6	15	9.8	8.1	14	13
14	0.0	0.0	5.8	31	6.6	19	0.2	2.8	24	16	14	8.7	14
15	0.0	0.0	2.6	20	6,5	15	0.2	2.4	15	11	19	2.9	15
16	0.0	0.0	2.5	19	6.5	5.4	0.3	1.8	6.8	12	12	3 • 3	16
17	0.0	0.0	5.5	2 0	6.4	4.2	0.4	6.0	19	19	15	1.0*	17
18	0.0	0.0	12	19	6.3	3.0	0.5	7.3	19	27	9.9	6.5	18
19	0.0	0.0	15	19	6.4	1.7	0 • 4	4.60	17	17	17 *	22	19
20	0.0	0.0	16	27	6.4	2.4	0 • 4	1.7	23	11 •	14	55	20
21	0.0	0.0	20	26	6.4	7.1	0.4	7.8	15	14	4.8	16	21
22	0.0	0.0	18	22	6,3	4.6	0.3	15	9.6	15	24	19	22
23	0.0	0.0	15	20	5.2	1.6	0.2	19	11	12	7.3	15	23
24	0.0	0.0	14	20	6.0	2.2	2.6	21	17	13	20	18	24
25	0.0	0.0	14	50	5.7	19	7.8	20	16	13	12	16	25
26	0.0	0 • 0	14	22	5.6	3.8	4.5	22	14	4.2	13	13	26
27	0.0	0.0	15	18	0.9	22	2.5	22	22	11	18	9.8	27
28	0.0	0.0	16	16	0.0	7.5	7.3	9.6	10	26	17	19	28
29	0.0	7.8	17	15 *		2.4	19	4.1	5.9	37	22	21	29
30	0.0	55 *	17	11		0.3	17	16	3.7	27	16	20	30
31	0.0		14	10		13		14		8.2	13		31
MEAN	1.5	1.0	11.1	15.2	6.1	8.4	3.0	9.3	13.6	15.6	12.9	15.5	MEAI
MAX.	9.9	22.0	20.0	31.0	10.0	22.0	19.0	55.0	24.0	37.0	24.0	30.0	KAM
MIN.	0.0	0.0	2.5	4.8	0.0	0.2	0.2	1.7	2.4	3.1	1.5	1.0	MIN
AC. FT.	92	59	684	937	336	516	178	573	811	956	791	920	AC.FI

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

" — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

MEAN		MAXIM	J M		
DISCHARGE	DISCHARGE	GAGE HT.			
9.5	85	4.65	03	25	1500
	(1 -	-"	

	MINIM	J M		
DISCHARGE	GAGE HT.	MO.	DAY	TIME
0.0	3.10	10	0A	2330

	TOTAL
Г	ACRE PEET
	6853
	,

LOCATION			MA	XIMUM DISCH	ARGE	PERIOD (OF RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM TO		GAGE	DATUM
38 01 14	121 13 45	SE 17 2N 7E	760 E	12.61	1-6-1965	DEC 1948-DATE	DEC 1948-DATE	1948	1949	0.00	LOCAL
								1949	1950	0.00	LOCAL
								1950	1952	0.00	LOCAL
								1952	1955	2.00	LOCAL
								1955	1959	0.00	LOCAL
								1959	1965	0.00	LOCAL
								1965		0.00	LOCAL

Station located below Solari Road bridge, 5 miles northeast of Stockton. Prior to October 28, 1965, station located 0.5 mile above U. S. Highway 99 bridge, 1.5 miles downstream from present location. Flows are regulated by diversion dam at Bellota operated by Stockton East San Joaquin Water Conservation District. Maximum discharge listed at site and datum then in use.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	во2560	MORMON SLOUGH AT BELLOTA	

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	NR NR NR NR NR	0.0 0.0 0.0 0.0	535 * 685 231 326 * 232	479 384 365 325 245	28 31 22 21 20	11 12 6.6 * 1.9 1.5	18' 12 9.7 8.2 15						1 2 3 4 5
6 7 8 9	NR NR NR NR NR	0.0 * 0.0 0.0 0.0 0.0	91 56 35 68 * 57	205 * 191 82 44 36	19 19 17 16 16 *	1.5 1.5 1.4 1.3	89 NR NR NR NR	N	N	N	N	N	6 7 8 9 10
11 12 13 14 15	NR NR NR NR NR	0.0 0.0 0.0 0.0 0.0	27 16 10 6.7 4.2	33 39 190 351 642	14 13 13 13 13	1.3 7.2 69 31 22	NR NR NR NR NR	O R	O R	0 . R	O R	O R	11 12 13 14 15
16 17 18 19 20	NR NR NR NR NR	0.0 0.0 0.0 0.0	31 430 616 955 905	1,280 1,300 1,290 * 1,120 499	13 13 13 14 17	24 18 17 16 8.6	NR NR NR NR NR	Е С О	E C O	E C O	E C O	E C O	16 17 18 19 20
21 22 23 24 25	NR NR NR 0.0	0.0 0.0 0.0 0.0	1,230 1,000 904 875 862	445 245 224 218 198	14 12 12 12 11	8.5 8.2 13 21 33	NR NR NR NR NR	R D	R D	R D	R D	R D	21 22 23 24 25
26 27 28 29 30 31	0.0 0.0 0.0 0.0 0.0	0.0 0.0 17 725 293	860 920 932 849 617 568	57 29 23 24 24 22	10 9.5 9.5	480 289 121 84 39 15	NR NR NR NR NR						26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	NR NR O.O NR	34.5 725 0.0 2,053	481 1,230 4.2 29,621	342 1,300 23 21,045	15.5 31.0 9.5 863	44.1 480 1.1 2,709	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	MEAN MAX MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMI	JM		MINIMUM						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO. DAY	TIME		
NR	1,420	7.27	12	21	0745	0.0					

6	TOTAL	1
Г	ACRE FRET	
	NR	

	LOCATION			DCATION MAXIMUM DISCHARGE			PERIOD OF RECORD			DATUM OF GAGE			
	LOUGITURE	1/4 SEC. T. & R.	· ·	OF RECORD		DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO ON	REF.		
LATITUDE	LONGITUDE	M.D.B.&M.		GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM		
38 03 10	121 00 37	SW 5 2N 9E				DEC 1948-DATE	DEC 1948-DATE	1948 1952	1952	0.00	LOCAL		

Station located 0.2 mile above Farmington-Bellota Highway bridge, 0.2 mile east of Bellota. Flow regulated by Hogan Reservoir. During irrigation season, flow is reregulated by boards placed across diversion dam immediately downstream which control diversion of water between the Calaveras River and Mormon Slough. This is flow from Calaveras River which is returned to the river via Stockton Diverting Canal. Flows are computed for the period when boards are not placed across the diversion dam.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

-	WATER YEAR	STATION NO.	STATION NAME
	1971	902580	STOCKTON DIVERTING CANAL AT STOCKTON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	2.1	0.0	693 W	529	8.5	0.0	8.0	3.3	15	0.4	36	38	1
2	2.4	0.0	1,120	390	12	0 • 1	7.50	5.4	18	0.8	28	81	2
3	14	0.0	573	391	12	0.8*	4.5	4.7	17	2.1	2.4	56	3
4	23	5.6	419 #	342	8.2	1.1	0.9	4.0	4.1	12	0.1	45	4
5	5.0	0.3*	560	259	7.6	0.2	0.0	3.2	0.7	24	0.1	33	5
	24	7.9	200	213 •	7.0	0.0	0 • 0	3 • 1	0 • 2	2.4	20	35	6
7	5.3	26	96	188	7.2	0.0	0 • G	2.9	0.5	0.2	4.7	14	7
	27	17	52	128	9.6	0.0	0.2	2.1	0.5	0.1	1.2	42	
•	2.1	13	137	35	8.7	0 • 0	7.0	3.1	0 • 2	0.2	0.0	61	9
10	0.0	5.2	139	26	7.0	0.0	4.0	4.9	0 • 1	0.0	0.0	26	10
11	0.0	0.5	57	24	5.4	0.0	1.2	1.2	0.0	0.0	12	26	11
12	0.0	0.0	33	24	5.1	0.5	0.1	0.9	0.0	0.0	43	22	12
13	0.0	0.0	21	104	7.2	0.0	0.0	0.7	0.0	0.7	0 • 1	8.5	13
14	0.0	0.0	13	414	5.4	25	0.1	1.2	0 • 2	0.3	0.0	2.4	14
15	0.0	0.0	6.3	549	3,5	11	0.0	2.5	9.9	0.0	2.7	2.7	15
16	0.0	0.0	3.2	1.320	2.4	8.8*	0 • 0	2.9	17	0.0	16	0 • 2	16
17	0.0	0.0	336	1+350	2.6	9.8	0 • 1	8 • 1	9 • 4	0.0	2.9	0.61	* 17
18	0.0	0.0	794	1,310 #	2.6#	7.2	0.0	6.4	2.3	2.0	0.0	29	18
19	0.0	0.0	1.250	1,260	2.7	5.8	0.0	0.8	1.5	54	1.5*	67	19
20	0.0	0.0	1.210	514	3.1	5.5	0.0	1.8*	2.7	6.9	13	41	20
21	0.0	0.0	1,530	470	5.5	1.1	0.0	2.1	5 • 3	0.6*	50	18	21
22	0.0*	0.0	1 • 320	261	4.2	0 • 1	0.0	1.0	14	0.0	48	15	32
23	0.0	0.0	1,080	215	2.6	0.1	0.0	1.1	12	0.0	43	65	23
24	0.0	0.0	1 + 0 1 0	207	1.9	0.0	0.0	1.6	4.1	0.0	20	70	24
25	0.0	1,3	966	505	0.7	8.4	0.2	.1.3	0.9	0.0	8.8	50	25
26	0.0	0.6	. 952	96	0.3*	291 #	0.9	0.6	0 • 6	0 • 1	35	28	26
27	0.0	0.0	1,000	20	0.6	552	0.9	1.2	6.6	0.6	13	53	27
28	0.0	7.5	1 • 0 5 0	12	0.0	176	0.5	24	7.7	0.1	1.0	12	28
29	0.0	978	982	8.5		93	0.1	29	0.6	1.2	0.0	4.8	
30	0.0	739	. 694	8.3		48	1.7	35	0.1	17	5.2	8.4	30
31	0.0		619	9.1		17		46		38	21		31
MEAN	4.4	60.1	610	350	5.1	40.7	. 1.3	6.6	5.0	5.3	13.6	30.8	
MAX.	27.0	978	1 • 530	1,350	12.0	552	8.0	46.0	18.0	54.0	50.0	81.0	
MIN.	0.0	0.0	3.2	8.3	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.2	
AC. FT.	273	3574	37518	21578	286	2504	75	409	300	325	838	: 1834	AC.FT

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

						• •					
MEAN		MAXIMU	M					MINIM	J M		
CHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	11	DISCHARGE	GAGE HT.	MO.	DAY	TIME
96.0	2140	9.40	11	29	1800	П	0.0	2.64	10	10	2230
		l	<u> </u>	Ц				L			$\overline{}$

69515

LOCATION MAXIMUM DISCHARGE						PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE LONGITUDE		1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	OHLY	FROM	TO	GAGE	DATUM
37 59 12	121 15 30	SE 42 2N 6E	11,400 E	17.10 E	4-4-1958 E	JAN 1944-DATE	JAN 1944-DATE	1954		0.00	LOCAL

Station located 60 feet below Cherokee Lane Bridge crossing over Stockton Diverting Canal. Prior to June 12, 1969, station located 200 feet upstream from U. S. Highway 99E. This water diverted from the Calaveras River by Mormon Slough and returned to the river by Stockton Diverting Canal.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	B02010	BEAR CREEK NEAR LODI

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	0.0 0.1 * 0.1 0.0 0.0	0.0 0.3 0.3 4.9 24 *	320 * 528 219 270 161	25 36 42 24 *	5.8 5.8 6.1 5.1 4.0	9.8 2.8 * 0.5 0.4 0.2	11 2.3 2.4 8.0 7.7						1 2 2 4 5
6 7 8 9 10	0.0 0.9 0.7 0.3	15 23 17 9.1 6.5	60 35 34 103 * 40	15 13 11 10 9.4	2.9 2.4 2.3 1.8 1.7 *	0.2 4.0 2.7 0.9 0.9	5.8 4.3 2.2 5.8 8.5	N	N	N	N	N	6 7 8 9
11 12 13 14 15	0.1 0.0 0.1 0.1	3.8 3.3 2.4 1.4 1.0	24 19 15 15	9.3 11 110 108 41	1.3 1.4 1.3 1.6	0.4 1.7 26 24 15	7.3 4.3 0.4 0.5 2.3	O R	o R	O R	o R	0 R	11 12 12 14 14
16 17 18 19 20	1.5 1.0 0.1 0.1 7.7	0.9 0.8 0.6 0.6 0.5	26 201 120 118 76	27 22 19 16 15	1.3 1.1 0.9 3.1 3.4	8.8 4.9 4.1 2.0	NR NR NR NR ~	E C O	E C O	E C O	E C	E C O	16 17 18 19 20
21 22 23 24 25	27 23 15 11 8.8	0.5 0.9 0.9 1.1 3.5	450 228 71 37 27	14 13 11 10 9.2	7.1 4.4 2.8 1.5	0.1 0.0 0.0 0.1 1.9	NR NR NR NR NR	R D	R D	R D	R D	R D	21 22 23 24 25
26 27 28 29 30 31	2.8 2.8 0.3 0.1 0.1	18 20 23 607 355 *	24 89 98 56 54 33	8.4 7.6 6.9 6.7 6.5 6.0	0.7 0.7 1.6	77 151 41 25 18	NR NR NR NR						26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	3.4 27 0.0 207	38.2 607 0.0 2,272	114 528 12 7,067	21.9 110 6.0 1,349	2.7 7.1 0.7 149	14.5 151 0.0 889	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	MEAN MAX MIN. AC.FT.

WATER YEAR SUMMARY

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW
- E AND *

MEAN		MAXIMU	M.				MINIM	JM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TL
NR	1,050	4.28	11	29	1415	0.0				
							9			

6	TOTAL	1
Г	ACRE FEET	
	NR	

	LOCATIO	N	МА	XIMUM DISCH	ARGE	PERIOD OF RECORD DATUM OF GAG					
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	HEIGHT PERIOD		ZERO REI	
LATITUDE	LONGITODE	M.D.B.&M.		GAGE HT.	DATE	DISCHARGE	OHLY	FROM	то	GAGE	DATUM
38 03 37	121 12 28	SE 28 3N 7E	4,550	8.33	1-22-1967	DEC 1965-DATE	FEB 1965-DATE	1965		44.45	USCGS

Station located 50 feet above Alpine Road bridge, 5.0 miles southeast of Lodi. Tributary to San Joaquin River via Disappointment Slough. Drainage area is 36.7 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	B02105	MOKELUMNE RIVER AT WOODBRIDGE	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	367	300	593	831	820	830	421	163	277	769	40	82	1
2	380	280	688	844	818	438	403	253	272	750	44	126	2
3	371	268	679	848	828	632	396	247	265	753	40	201	3
4	378	302	673	848	819	674	392	240	257	758	35	332	4
5	379	285	1,230	848	824	657	345	237	211	768	33	353	5
6	382	275	1,400	846	822	562	349	150	230	754	35	358	6
7	371	273	1,420	851	822	544	360	165	236	463	35	353	7
	369	266	1,430	855	822	455	357	163	224	245	36	374	
9	369	263	1,440	856	829	492	359	186	199	264	36	437	9
10	401	263	1,440	856	832	459	359	231	206	420	37	463	10
11	396	363	1,440	855	835	444	368	212	213	447	36	523	111
12	394	392	1,440	731	836	471	314	189	254	467	34	527	12
13	410	393	1,440	687	837	486	285	172	264	456	32	536	13
14	399	393	1,440	669	838	490	297	150	263	443	30	546	14
15	405	394	1,420	657	838	500	276	111	254	393	27	592	15
16	400	394	919	653	838	501	252	114	318	311	54	565	16
17	401	394	792	653	816	516	241	112	312	282	59	570	17
18	409	394	764	653	815	522	235	75	309	305	36	580	18
19	415	394	751	649	835	518	237	80	313	310	33	585	
20	430	397	741	649	832	452	243	190	321	280	41	610	19
	425	455	760	646	834	439	206	208	332	243	65	620	
21	509	474	752	646	843	381	165	244	348	243	75	630	21
22	501	476	736	646	840	391	185	242	349	244	74	640	22
23	498	477	763	646	843	386	159	239	367	248	67	650	23
24	494	495	761	646	832	420	148						24
25	494	493	/61	040	032	420	140	244	330	264	40	655	25
26	491	493	759	648	832	456	167	248	115	250	38	670	26
27	490	488	761	781	831	456	157	243	297	111	47	700	27
28	397	544	763	814	831	449	157	250	875	85	76	720	28
29	262	619	754	816		449	153	262	739	71	93	740	29
30	693	588	464	818		451	157	265	719	57	82	750	30
31	358		693	820		440		276		45	80		31
MEAN	418	393	971	751	830	496	271	199	322	371	48.1	516	MEAN
MAX.	693	619	1,440	856	843	830	421	276	875	769	93	750	MAX
MIN.	262	263	464	646	815	381	148	75	115	45	27	82	MIN.
AC. FT.		23,390	59,720	46,150	46,100	30,470	16,150	12,220	19,180	22,810	2,960	30,720	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

-- E AND *

MEAN		MAXIMU	M				MINIMU	ī
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	A
463	1,440	12.14	12	13	1630	27		
								_

	TOTAL	1
Г	ACRE PEET	
	335,500	

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD O	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
38 09 30	121 18 10	NE 34 4N 6E	27,000	29.58	11-22-1950	MAY 24-OCT 25 0 JAN 26-DATE	MAY 1924-DATE	1924 1931	1931	18.9 14.9	USCGS USCGS

Station located 0.3 mile below county highway bridge, 0.4 mile below dam and canal intake of Woodbridge Irrigation District. Flow regulated by reservoirs and powerplants. Records furnished by U. S. Geological Survey. Drainage area is 661 square miles.

8 - Irrigation season only.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME

1971 B21160 SUTTER CREEK NEAR SUTTER CREEK

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.3	2.9	174	6.3	29	18	49 4	16	12	5.4	0.4	0.0	1
2	0.2	2.9	236	62	28	17	45	17	11	5.3	0.5	0.0	2
3	0.2	2.9	96	49	27	17	33	18	11	4.9	0.3	0.0*	
4	0.3	4.6	355	41	25	18	32	21	10	4.5	0.1	0.0	4
5	0 • 4	8.9	139	37	25	18	30	20	9.8	4 • 3	0 • 1	0 • 0	3
6	0.5	10	75	33	24	17	34	19	9.3	4.2	0.0	0.0	6
7	0.7	17	53	31	24	16	39	19	9.0	4.0	0.0	0.0	7
	0.74	7.6	63	29	23	15	29	26	8.6	3.8	0.0	0.0	8
9	0.8	5.6	97	28	22	15	27	22	8 • 4	3.5	0.0	0.0	9
10	0.9	5.1	59	26	22 *	14	28	19	8.6	3.6	0.0	0.0	10
11	0.9	5.3	44	33	21	13	26	17	8.5	3.4	0.0	0.0	11
12	0.9	7.3	35	85	21	41	24	16	7.9	3.4	0.0	0.0	12
13	0.9	7.1	30	89	20	74	23	15	7.5	3.2	0.0	0.0	13
14	1.0	5.9	56	99	20	36	24	15	7.4	3.0	0.0	0.0	14
15	1.2	5.6	23	89	20	35	23	14	6.9	5.8	0 • 0	0 • 0	15
16	1.2	5,4	82	8.8	19	27 4	22 *	13	6.5	2.5	0.0	0.0	16
17	1.2	5.24	110	118	21	24	26	13	6.2	2.3	0.0	0.0	. 17
18	1.3	5.2	80	101	19	2.2	24	13	5.9	2.2	0.0	0.0	18
19	1.3	5.3	66	86	28	19	22	12 *	6.0	2.3	0.0*	0.0	19
20	1.8	5.2	57	77	55	18	22	12	6.0	2.0*	0.0	0.0	20
21	2,3	5,2	86	68	20	17	24	12	5.9	1.9	0.0	0.0	21
22	2.3	5.2	75	61	19	16	22	12	5.5	1.7	0.0	0.0	22
23	3.0	5.2	59	55	19	19	21	12	5.4	1.6	0.0	0.0	23
24	3.8	5.8	49	49	18	20	20	11	5.1	1.5	0.0	0.0	24
25	3.1	26	41	44	17	43	21	11	5.0	1.5	0.0	0.0	25
26	2.7	64	37	40	17	331 *	50	10	5 • 0	1.5	0.0	0 • 0	26
27	2.6	21	77	38	16	154	20	12	8.9	1.3	0.0	0.0	27
28	2.6	34	110	36	17	92	19	13	8.0	1.0	0.0	0.0	28
29	2.7	122	115 *	33		71	18	13	6 • 4	1.0	0.0	0.0	29
30	2.8	75	91	32		59	17	13	5.7	0.8	0.0	0.0	30
31	2.9		-73	30		52		12		0.6	0.0		31
MEAN	1.5	16.3	87.2	56.3	21.5	43.5	26.1	15.1	7.6	2.7	0.0	0.0	MEA
MAX.	3.8	122	355	118	29.0	331	49.0	26.0	12.0	5.4	0.5	0.0	MAX
MIN.	0.2	2.9	23.0	26.0	16.0	13.0	17.0	10.0	5.0	0.6	0.0	0.0	MIN
AC. FT.	94	969	5361	3459	1196	2674	1555	928	451	169	3		AC.FI

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

+ DISCHARGE MEASUREMENT OR OBSERVATION OF FLOW MADE THIS DAY.

E AND ### A X I M U M

DISCHARGE GAGE HT. MO. DAY TIME

23.3

| DISCHARGE GAGE HT. MO. DAY TIME

 TOTAL ACRE PEET 16859

	LOCATION MAXIMUM DISCHARGE					IARGE	PERIOD (F RECORD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SE	EC. T. 8	s.R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITODE	M.D.B.&M.		. [CFS	CFS GAGE HT. DA		DISCHARGE	ONLY	FROM	то	GAGE	DATUM
38 23 45	120 46 50	SE 5	6N	11E	5,770 E	6.27	1-31-1963	JAN 36-DEC 41 MAR 1960-DATE	JAN 36-DEC 41 MAR 1960-DATE	1936 1938	1938	-4.00 0.00	LOCAL

Station located 0.4 mile below Volcano Road bridge, 1.3 miles east of Sutter Creek. Tributary to Cosumnes River via Dry Creek. Drainage area is 48.1 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 B01520 DRY CREEK NEAR GALT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	1.6	0.0	1,300	257	73	36	105	28	17				1
2	0.3	0.0	1,680	266	71	34	91	28	4.4				2
3	2.0	0.0	834	237	67	32	72	31	7.0		1	ļ	1 5
4	2.6	0.0	1,490	195	63	32	52	35	6.6		1		1 4
3	3.3	0.0	1,370	170	61	33	62	28	1.3				5
•	3.3					1	_			1			"
6	1.2	0.0	404	155	60	31	116	20	0.0	ł			6
7	0.3	0.0	241	145	58	28	126	19	0.2				7
6	0.2	0.0	202	135	56	26	126	27	0.0				
•	2.0	0.0	249	127	53	25	103	40	0.0				9
10	1.8	0.0	194	120	51	23	95	35	0.0	N	N	N	10
						1							
31	1.2	0.0	159	115	50	22	95	29	0.0	0	0	0	111
12	1.7	0.0	144	192	49	26	84	28	0.0		i		12
13	1.6	0.0	133	426	47	249	78	25	0.0		1	Į	13
14	0.3	0.0	120	489	46	124	78	19	0.0			1	14
15	0.0	0.0	113	380	45	94	73	22	0.0	F	F	F	15
13	0.0	1 0.0	1.0	500	"	1	'-			1	'		1.0
16	0.0	0.0	158	295	45	76	68	22	0.0	L	L	L	16
17	0.0	0.0	441	279	49	63	67	18	0.0	_	-	_	17
18	0.0	0.0	351	273	48	52	73	20	0.0	0	0	0	18
19	0.0	0.0	256	230	67	47	64	19	0.0				19
20	0.0	0.0	197	196	68	44	54	24	0.0	W	l w	W	20
20	0.0	0.0		1 -70	""	1 "				, "	"	"	
21	0.0	0.0	313	168	53	39	56	24	0.0		1	1	21
22	0.0	0.0	474	148	48	41	55	18	0.0			1	22
23	0.0	0.0	341	133	45	48	48	20	0.0			i	23
24	0.0	0.0	265	121	43	71	42	17	0.0		1	1	24
25	0.0	0.0	226	111	40	78	45	18	0.0		1		25
23	0.0	1 0.0			1 ""	1	"			į.	i		
26	0.0	0.0	213	102	36	1,280	40	14	0.0				26
27	0.0	14	257	96	34	1,600	32	18	0.0				27
	0.0	20	370	90	34	462	32	17	0.0				28
28	0.0	814	373	85	34	315	30	17	0.0		1		29
29	0.0	698	375	80	1	247	29	20	0.0	l .			30
30	0.0	0,00	298	76	1	133	-′	18	""				31
31	0.0		2,50	/		155			-				_
MEAN	0.6	51.5	437	189	52.1	175	69.7	23.2	1.2		1		MEAN
MAX.	3.3	814	1,680	489	73	1,600	126	40	17	1			MAX
MIN.	0.0	0.0	113	76	34	22	29	14	0.0	1			MIN
AC. FT.	40	3,070	26,860	11,610	2,900	10,730	4,150	1,420	73	1			AC.FT

WATER YEAR SUMMARY

MINIMUM GAGE HT. MO. DAY

10 15

E — ESTIMATED

NR — NO RECORD

* — DISCMARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

— E AND *

MEAN		MAXIMU				\sim	
DISCHARGE		GAGE HT.					ISCHARGE
84.2	2,960	13.26	3	26	2230	\mathbb{I}	0.0

	TOTAL	\supset
Г	ACRE PEET	
	60,920	

	LOCATIO	N	МА	XIMUM DISCH	ARGE	PERIOD C	F RECORD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY .	FROM	TO	GAGE	DATUM	
38 14 48	121 13 03	NE 32 5N 7E	24,000	15.28	4-3-1958	OCT 26-SEPT 33 OCT 44-DATE	OCT 26-SEPT 33 OCT 44-DATE	1944 1945	1945	55.83 52.83	USCGS USCGS	

Station located below county road bridge, 4 miles east of Galt. Tributary to Mokelumne River. Records furnished by U. S. Geological Survey. Drainage area is 329 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 801580 DEER CREEK NEAR SLOUGHHOUSE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	0.0	462	54	19	9.0	26	6.4	1.8	0.0	0.0	0.0	1
2	0.0	0.0	773 #	134	18	7.0	20 🕶	6.0	1.7	0.0	0.0	0.0	2
3	0.0	0.0	205	54	17	5.4	17	6.5	1.4	0.0	0.0	0.04	3
4	0.0	0.9	1,200	46	16	6.8	15	7.1	1.2	0.0	0.0*	0.0	4
5	0.0	1.3	275	42	15	6.9	13	7.8	1.1	0.0	0.0	0.0	5
6	0.0	2.0	107	39	14	6.4	13	6.9	0 • 9	0.0	0 • 0	0.0	6
7	0 • 0	2.3	58	36	14	6.4	17	5.9	0.6	0.0	0.0	0 • 0	7
	0.0	2.6	57	34	13	6.4	16	7.2	0.3	0.0	0.0	0.0	. 8
9	0.0	2.6	56	32	12	6.3	12	9.9	0.2	0.0	0.0	0.0	9
10	0.0	2.6*	39	30	12 *	5.9	12	7.3	0.2	0.0	0.0	0.0	10
-11	0.0	2.6	34	40	11	6.7	13	5.70	0 • 1	0.0	0.0	0 • 0	11
12	0.0	2.6	31	101	11	11	11	4.8	0 • 1	0.0	0.0	0.0	12
13	0.0	2.6	29	368	11	40	9.6	4.3	0.1	0.0	0.0	0.0	13
14	0.0	2.6	25	140	10	19	9.7	3.9	0.0	0.0	0.0	0.0	14
15	0.0	2.6	22	70	10	13	9.1	3.3	0.0	0.0	0.0	0.0	15
16	0.0	2.6	171	54	12	11 *	8.3*	2.7	0 • 0	0.0	0.0	0.0	16
17	0.0	2.6	163	51	13	9.7	9.8	2.3	0.0	0.0	0.0	0.0	.17
18	0.0	2.6	85	46	11	9.0	12	1.9	0.0	0.0	0.0	0.0	18
19	0.0	2.6	53	43	19	8.3	8.4	1.9*	0.0	0.0	0.0*	0.0	19
20	0.0*	5.6	44	40.	16	7.1	7.7	1.9	0.0	0.0*	0.0	0.0	20
21	0.0	2.6	216	37	11	6.9	8.0	1.7	0 • 0	0.0	0 • 0	0 • 0	21
22	0.0	2.6	149	35	9.6	6.4	7.5	1.4	0 • 0	0.0	0.0	0 • 0	22
23	0.0	2.6	63	33	9.3	9.0*	7 • 1	1.3	0 • 0	0.0	0 • 0	0 • 0	23
24	0.0	3 • 8	49	32	8.8	26	6 • 8	1.1	0.0	0.0	0.0	0.0	24
25	0.0	101	43	30	8.1	89	6.4	1.0	0.0	0.0	0.0	0.0	25
26	0.0	252	44	29	7.2	532 *	7.3	0.9	0 • 0	0.0	0 • 0	0 • 0	26
27	0.0	98	113	28	7.4	174	7.4	0.9	0.0	0.0	0.0	0.0	27
28	0.0	272	149	26	8.0	68	7.3	1.0	0.0	0.0	0.0	0.0	28
29	0.0	659	2,42 *	24		46	7.1	1.7	0.0	0.0	0.0	0.0	29
30	0.0	331	119	55		37	6.4	2.2	0.0	0.0	0.0	0.0	30
31	0.0		66	5.0		31		2.1		0.0	0.0		31
MEAN	0.0	58.8	165	57.1	12.3	39.5	11.0	3.8	0.3	0.0	0.0	0.0	MEA
MAX.	0.0	659	1,200	368	19.0	532	26.0	9.9	1.8	0.0	0.0	0.0	MA
MIN.	0.0	0.0	22.0	20.0	7.2	5.9	6.4	0.9	0 • 0	0.0	0.0	0 • 0	MIN
AC. FT.		3501	10199	3511	681	2431	656	236	19				AC.FI

WATER YEAR SUMMARY

E — ESTIMATED
NR — NO RECORD
DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

- E AND +

MEAN		MAXIMU	М				MINIM	JM		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
29.3	3000	10.69	12	04	1115	0.0	5.70	10	01	0000
							4		ш	

TOTAL ACRE PEET 21234

	LOCATIO	N	MA)	KIMUM DISCH	ARGE	PERIOD (F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LAIIIODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
38 33 06	121 06 30	NW 16 8N 8E	6,560 E	12.86	10-13-1962	NOV 1959-DATE	NOV 1959-DATE	1959		0.00	LOCAL

Station located 0.2 mile above Scott Road bridge, 5.9 miles northeast of Sloughhouse. Tributary to Cosumnes River. Drainage area is 46.0 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	B01125	COSUMNES RIVER AT MCCONNELL

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0	4.3	2,710	716	544	298	1,520	539	491	101			1
2	0.0	6.3	3,880	808	556	278	1,370	604	427	93			2
3	0.0	6.7	3,290	826	545	261	1,260	655	377	88		1	3
4	0.0	16	4,100	524	519	262	1,180	726	345	81		1	4
5	0.0	22	5,880	458	486	254	1,120	737	322	79			5
6	0.0	70	2,020	421	455	243	1,120	677	311	72			6
7	0.0	184	1,190	384	433	230	1,170	651	316	64			7
8	0.0	156	900	351	412	226	1,100	702	331	58		l	8
9	0.0	101	1,100	334	396	223	991	745	356	52		1	9
10	0.0	68	1,050	313	380	219	965	697	355	45	N	N	10
11	0.0	56	749	308	376	218	1,050	724	332	38	0	0	111
12	0.0	54	612	568	419	236	946	810	313	23		1	12
13	0.0	56	516	1,570	497	744	934	851	296	29		1	13
14	0.0	85	444	1,840	569	613	934	847	286	52			14
15	0.0	67	394	1,160	608	478	911	845	265	35	F	F	15
16	0.0	54	496	880	634	419	915	817	239	23	L	L	16
17	0.0	47	2,140	826	635	395	939	779	218	22	1	1	17
18	0.0	41	1,450	1,020	588	390	949	713	198	19	0	0	18
19	0.0	38	924	1,010	569	381	817	652	176	19			19
20	0.0	36	676	1,010	559	379	746	616	162	49	W	W	20
21	0.0	33	862	974	469	387	740	589	152	8.3			21
22	0.0	34	1,420	893	423	400	688	582	141	0.8			22
23	0.0	34	888	794	400	432	635	506	120	0.0	-	1	23
24	2.6	33	608	712	372	621	593	499	109	0.0		1	24
25	39	62	486	648	340	704	587	500	105	0.0			25
26	43	870	424	588	319	3,150	557	509	97	0.0			26
27	42	724	508	548	296	7,040	531	541	112	0.0			27
28	24	516	1,140	534	291	3,620	501	542	262	0.0		1	28
29	14	3,090	1,180	527		2,450	490	519	151	0.0			29
30	7.1	3,310	1,440	524		2,010	500	476	119	0.0			30
31	4.5		• 924	530		1,750		467		0.0			31
MEAN	5.7	329	1,432	729	467	946	892	649	249	33.9			MEAI
MAX.	43	3,310	5,880	1,840	635	7,040	1,520	851	491	101			MAX
MIN.	0.0	4.3	394	308	291	218	490	467	97	0.0			MIN.
AC. FT.	349	19,590	88,070	44,830	25,960	58,140	53,080	39,900	14,840	2,080			AC.FT

- ESTIMATED
- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW
- E AND *

WATER	YEAR	SUMMARY
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MEAN		MAXIMU			MINIMUM						
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	П	DISCHARGE	GAGE HT.	MO.	DAY	TIME
479	8,080	41.85	3	27	0930		0.0		10	1	

	TOTAL	
Г	ACRE FRET	
	346,800	

	LOCATIO	И	MAXIMUM DISCHARGE			PERIOD C	DATUM OF GAGE				
LATITUDE LONGITUDE		1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CF5	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 21 29	121 20 34	SW 20 6N 6E	54,000	46.26	12-23-1955	OCT 1941-DATE	JAN 31-MAY 40 #	1931		0.00	USED
							OCT 41-DATE				

Station located on U. S. Highway 99 bridge, 0.2 mile south of McConnell, 7.0 miles north of Galt. Maximum discharge of record listed is for period 1943 to date. Records furnished by U. S. Geological Survey. Drainage area is 724 square miles.

- Flood season only..

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME	
1971	A00020	MORRISON CREEK NEAR SACRAMENTO	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.1	4.3	93	24	8.3	7.2	8.7	5.4	7.0	6.4	7.2	5.6	1
2	7.2	5.5	309	37	8.3	8.3	8.6	26	6.8	6.0	8.6	5.1	2
3	4.9	5.2	122	24	8.4	8.2	6.1	8.8	7.3	5.5	6.4	5.5	3
4	4.3	101	222	18	8.2	7.7	5.2	10	6.8	5.0	6.1	4.9	4
5	7.0	70	170	15	7.8	7.8	6.7	8.1	5.0	5.2	5.8	4.7	5
6 7 8 9	6.3 6.0 6.0 6.6 4.5	69 41 11 7.6 6.4	65 43 33 27 21	14 14 13 11 9.6	5.9 5.6 7.4 8.0 7.6	5.6 5.1 6.6 6.8 6.8	8.1 13 7.9 5.5 5.4	6.5 5.9 18 8.0 6.8	5.4 6.3 6.5 6.1 6.5	7.2 7.2 7.3 7.3 5.1	5.4 4.3 4.2 6.5 7.2	4.4 7.6 8.9 8.3 6.9	6 7 8 9
11	4.2	6.0	17	25	7.8	7.2	5.2	6.7	6.4	5.0	6.9	4.7	11
12	4.8	5.7	14	39	7.9	90	6.4	6.4	4.6	5.5	7.0	4.6	12
13	5.7	5.5	14	57	7.3	27	6.4	6.5	4.3	6.6	7.5	6.2	13
14	7.0	4.2	13	39	5.8	8.7	9.0	7.4	6.0	6.6	5.1	7.5	14
15	6.0	4.3	14	24	4.9	7.4	6.9	5.9	6.2	6.1	4.5	7.7	15
16 17 18 19 20	6.3 4.3 4.2 5.1	5.6 5.5 5.3 5.1 4.9	59 61 48 32 36	17 13 13 13 13	15 24 11 16 8.3	7.2 6.4 6.6 6.9 5.6	8.3 7.4 6.1 7.2 8.3	4.7 5.7 6.1 6.2 6.5	5.8 5.2 5.1 4.3 4.1	8.1 5.2 4.1 4.9 5.7	6.9 7.6 7.3 7.2 6.8	7.2 7.1 4.5 5.5 7.9	16 17 18 19 20
21	19	3.9	87	13	6.7	4.9	7.0	5.1	5.8	6.2	5.3	7.3	21
22	14	3.6	58	12	7.3	5.4	7.4	4.4	5.7	4.9	5.2	8.4	22
23	27	4.2	32	10	7.2	31	6.7	4.5	5.8	4.1	7.2	7.5	23
24	8.2	10	22	8.8	6.9	12	5.0	5.4	5.5	3.8	6.7	6.0	24
25	7.2	36	17	9.1	6.7	37	5.4	5.5	4.5	3.8	6.6	3.5	25
26 27 28 29 30 31	7.0 6.4 5.7 6.0 6.3 4.7	43 11 294 664 166	29 36 43 54 50 30	8.4 10 12 11 8.7 7.5	6.9 5.1 5.8	89 20 10 8.6 8.2 7.2	6.8 7.8 7.7 7.2 7.6	5.6 5.2 5.6 3.6 4.5 5.5	4.2 5.7 6.5 6.5 6.4	7.0 10 9.6 8.6 9.1 7.0	6.3 6.1 5.9 5.5 5.1	3.0 4.6 6.0 5.8 5.4	26 27 28 29 30 31
MEAN	7.7	53.6	60.4	17.5	8.4	15.4	7.2	7.1	5.7	6.3	6.2	6.1	MEAN
MAX.	27	664	309	57	24	90	13	26	7.3	10	8.6	8.9	MAX
MIN.	4.2	3.6	13	7.5	4.9	4.9	5.0	3.6	4.1	3.8	4.2	3.0	MIN.
AC. FT.	474	3,190	3,710	1,080	468	945	426	437	342	385	384	362	AC.FT

WATER YEAR SUMMARY

E - ESTIMATED

NR - NO RECORD

* - DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	M.			
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCH
16.9	1,200	7.13	11	29	0900	

MINIMUM							
DISCHARGE	GAGE HT.	MO.	DAY	TIME			
		1	1 1				

TOTAL	-
ACRE PEET	
12,200	

LOCATION					MAXIMUM DISCHARGE			PERIOD (PERIOD OF RECORD			DATUM OF GAGE			
	LONGITUDE	1/4 SE	C. T. 8	k R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	200	ZERO	REF.		
LATITUDE				M.D.B.&M.		GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM		
38 29 55	121 27 06	SE 32	8N	5E	1,610	8.53	1-26-1969	JULY 1959-DATE	JULY 1959-DATE	1959 1960	1960 1965	8.15 10.31	USCGS		
										1964	-200	7.60	USCGS		

Station located 750 feet above Florin Road in southeast Sacramento. Tributary to Snodgrass Slough via Beach and Stone Lakes. Records furnished by U. S. Geological Survey. Drainage area is 48.6 square miles.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	B95925	DELTA-MENDOTA CANAL NEAR TRACY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2,593	1,147	0.0	0.0	0.0	3,963	4,458	3,403	3,722	4,607	4,494	4,028	1
2	2,565	1,156	0.0	0.0	64	3,932	4,732	3,254	3,848	4,590	4,530	3,421	2
3	2,576	1,069	0.0	0.0	0.0	3,938	4,736	2,935	3,865	4,654	4,522	2,984	3
4	2,672	930	0.0	0.0	0.0	3,938	4,715	3,041	3,770	4,626	4,526	2,973	1 4
5	2,667	941	0.0	0.0	0.0	3,942	4,729	3,008	3,843	4,705	4,543	2,988	5
	2 22=	0.15											
6	2,937	945	0.0	0.0	0.0	3,950	4,557	3,923	3,889	4,635	4,530	2,992	6
7	2,802	941	0.0	0.0	0.0	3,927	3,995	3,875	4,004	4,594	4,526	2,843	7
8	2,747	941	0.0	0.0	589	3,942	3,825	3,801	4,548	4,565	4,507	2,600	8
9	2,594	941	0.0	0.0	1,980	3,496	3,658	3,264	4,615	4,459	4,485	2,626	9
10	2,426	1,044	0.0	0.0	2,111	3,489	3,265	3,028	4,658	4,482	4,472	2,605	10
11	2,452	1,036	0.0	0.0	2,270	3,481	3,257	3,117	4,650	4,499	4,481	2,621	11
12	2,438	1,140	0.0	0.0	2,196	3,547	3,100	3,160	4,644	4,538	4,486	2,516	12
13	2,150	713	0.0	0.0	2,520	3,766	2,915	3,179	4,586	4,585	4,490	2,562	13
14	2,222	688	69	0.0	2,546	4,614	2,881 /	3,146	4,522	4,520	4,497	2,604	14
15	2,126	317	35	0.0	2,544	3,672	2,630	3,207	4,556	4,552	4,489	2,580	15
						1			,	1		1 2,300	1.5
16	2,149	0.0	0.0	0.0	2,676	3,476	2,636	3,263	4,619	4,573	4,493	2,764	16
17	2,064	69	0.0	0.0	3,050	3,584	2,378	3,320	4,618	4,578	4,497	2,755	17
18	2,053	105	0.0	0.0	3,087	3,509	2,301	3,348	4,626	4,571	4,495	2,761	18
19	1,642	0.0	0.0	0.0	3,519	3,527	2,323	3,945	4,650	4,552	4,491	2,758	19
20	1,450	0.0	0.0	0.0	3,971	3,512	2,331	4,172	4,629	4,518	4,370	2,754	20
21	1,424	0.0	0.0	0.0	3,972	3,965	2,322	4,193	4,656	4,591	4,365	2,758	21
22	1,607	0.0	0.0	0.0	3,956	3,509	2,492	4,189	4,650	4,599	4,284	2,737	22
23	1,604	0.0	67	0.0	3,994	3,462	2,566	4,179	4,648	4,593	4,162	2,743	
24	1,595	0.0	0.0	0.0	3,931	3,518	2,782	4,342	4,597	4,582	4,090	2,736	23
	1,600 A	0.0	0.0	0.0	3,896	3,623	2,864 B	4,454	4,637	4,556	4,099	2,669	
25	1,000 1	0.0	0.0	0.0	3,090	3,023	2,004 B	4,434	4,037	4,330	4,099	2,009	25
26	1,503	0.0	0.0	0.0	3,972	3,847	3,335	4,189	4,628	4.566	4,105	2,668	26
27	1,404	0.0	0.0	0.0	3,936	3,874	3,559	4,064	4,599	4,559	4,106	2,661	27
28	1,339	0.0	0.0	.0	3,948	4,465	3,745	3,831	4,618	4,503	4,072	2,671	28
29	1,326	0.0	0.0	0.0	1	3,797	3,783	3,670	4,529	4,518	4,109	2,571	29
30	1,348	0.0	68	660	1	4,342	3,289	3,666	4,752	4,477	4,120	2,441	30
31	1,346		. 0.0	72		4,335	,	3,729	1	4,510	4,096	, , , ,	31
MEAN	2,046	470	7.7	24	2,312	3,805	3,339	3,610	4,439	4,563	4,372	2,780	MEAN
MAX.	2,937	1,156	69	660	3,994	4,614	4,736	4,454					MAX
	1,326	0.0	0.0	0.0					4,752	4,705	4,543	4,028	MIN.
MIN.					0.0	3,462	2,301	2,935	3,722	4,459	4,072	2,441	AC.FT.
AC. FT.	125,928	27,973	474	1,452	128,388	233,938	198,429	221,944	264,155	280,580	268,828	165,404	AL.PI

- 25-Hour Day - 23-Hour Day - ESTIMATED

- NO RECORD

- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND #

WATER	YEAR	SUMMA	RY
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MEAN		MAXIM	U.M.		MINIMUM				
DISCHARGE 2,649	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO. DAY	TIME
			٠	\perp					<u> </u>

1,917,493

	LOCATIO	н	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	OHLY	FROM	TO	GAGE	DATUM
37 47 45	121 35 05	SW 31 1S 4E				JUNE 1951-DATE	JUNE 1951-DATE	1951		0.00	USCGS

Station located at Tracy Fumping Plant at intake to canal, 6 miles southeast of Byron, 10 miles northwest of Tracy. Discharge computed from records of operation of pumps. Water is diverted from Sacramento-San Joaquin Delta by way of Old River and a dredged channel to the Tracy Pumping Plant where it is lifted about 200 feet into the canal. Records are furnished by the U. S. Bureau of Reclamation.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 B95910 CONTRA COSTA CANAL NEAR OAKLEY

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	147 148 142 135 141	84 89 97 87 106	58 60 60 62 62	64 64 59 68 70	61 66 62 63	68 68 73 73 67	75 75 75 76 79	84 82 72 83 79	118 114 119 124 123	157 165 164 159 160	154 157 162 159 174	163 154 146 149 152	1 2 3 4 5
6 7 8 9 10	137 132 132 128 127	79 65 72 80 90	65 68 69 68 70	76 74 68 68 69	63 68 64 66 69	68 70 72 58 61	77 85 80 70 72	86 86 79 74 76	127 125 132 132 133	164 161 153 149 151	180 170 180 180 186	148 150 153 152 149	6 7 8 9
11 12 13 14 15	128 121 123 121 124	90 105 100 87 89	69 69 55 64 65	62 66 63 61 59	70 60 65 64 74	65 64 90 78 85	61 76 80 66 74	75 84 84 84 86	132 132 135 142 143	157 153 161 172 176	196 197 197 189 186	152 144 145 145 136	11 12 13 14 15
16 17 18 19 20	125 118 119 119 118	87 83 78 63 70	62 62 61 64 57	59 65 61 61 61	64 67 67 68 66	88 84 75 70 68	74 74 69 65 80	87 86 112 107 104	149 150 149 147	173 168 168 169 173	182 178 181 190 192	129 125 123 115 108	16 17 18 19 20
21 22 23 24 25	104 103 96 93 85 A	68 68 74 73 68	63 71 59 60 62	63 63 62 63 60	63 60 65 65 65	69 68 74 75 68	92 92 100 82 83 B	115 98 104 113 132	141 159 165 163 162	179 183 181 171 167	189 182 179 170 148	118 124 112 121 101	21 22 23 24 25
26 27 28 29 30 31	86 88 88 88 88	64 65 56 54 60	58 57 61 62 61 66	64 63 58 59 55 59	65 65 65	61 64 67 68 74 74	95 90 85 90 93	143 138 131 113 108 107	156 156 154 154 162	166 166 167 163 162 154	198 196 185 184 182 182	84 83 84 80 80	26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.	116 148 84 7,124	78 106 54 4,663	63 71 55 3,868	63 76 55 3,902	65 74 60 3,616	71 90 58 4,378	80 100 61 4,724	97 143 72 5,974	142 165 114 8,420	165 183 149 10,150	180 198 154 11,078	128 163 80 7,587	MEAN MAX. MIN. AC.FT.

A 25-Hour Day
B 23-Hour Day
E — ESTIMATED
NR — NO RECORD
* — DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW
* — EAND **

- E AND *

WATER	YEAR	SUMM	ARY

MEAN		MAXIM	J.M.				MINIM	U M	
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO. DAY	TIME
104									

6	TOTAL	_
Г	ACRE PEET	Ī
	75,484	

	LOCATIO	N	MA	XIMUM DISCH	ARGE	PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATTIONE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
37 59 45	121 42 00	NE 25 2N 2E				FEB 1950-DATE	FEB 50-DEC 52	1950	1952	121.72	USCGS

Station located at Pumping Plant No. 1, 0.7 mile east of Oakley, 2.6 miles northwest of Knightsen. Water is diverted from Sacramento-San Joaquin Delta by way of Old River, Rock Slough, and a dredged channel. A series of 4 pumping plants lift the water about 115 feet into canal. Recording flow meters on pumps. Records furnished by U. S. Bureau of Reclamation.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	В95920	CALIFORNIA AQUEDUCT AT DELTA PUMPING PLANT

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2	372 418	362 828	1,650 1,649	1,538 1,904	418 419	418 505	1,462 827	408 500	231 259	1,742 1,565	4,480 1,609	1,542	1 2
3	372	828	1,628	3,360	418	979	1,300	876	259	1,470	1,545	1,207	3
4	1,120	831	1,620	1,859	1,792	1,379	1,120	1,130	258	3,360	1,205	1,063	4
5	419	832	1,543	1,512	2,056	525	438	1,402	434	1,303	1,227	1,120	5
6	418	822	3,360	1,538	2,036	1,515	789	1,425	700	1,621	1,230	418	6
7	419	1,476	1,173	1,537	4,480	1,295	851	180	669	1,582	2,067	418	7
8	418	3,173	952	1,537	256	445	948	407	672	1,466	3,920	418	
9	419	826 827	953 952	1,902	418 623	690	952	499	672	829	1,621	418	9
10	413	827	932	3,361	623	1,300	1,576	876	669	1,387	1,622	505	10
11	417	827	952	1,860	414	1,910	2,175	1,130	672	2,239	1,622	1,387	11
12	418	827	1,656	1,539	418	1,347	571	1,402	1,126	910	1,622	2,235	12
13	429	827	3,361	1,537	698	883	705	1,343	1,820	1,231	1,590	130	13
14	419	1,294	1,302	1,538	1,120	747	851	259	673	1,237	2,733	102	14
15	418	1,120	1,625	1,538	417	445	949	276	673	1,228	4,480	1,278	15
16	417	618	1,620	1,896	418	687	950	500	672	1,243	1,626	1,227	16
17	353	1,365	1,621	3,361	417	1,302	1,599	877	673	1,985	1,619	1,061	17
18	462	1,367	1,620	1,638	418	1,315	2,495	994	706	2,419	1,619	698	18
19	364 372	1,367 1,364	2,669	1,530	416 409	131 218	573 703	672 673	1,469	1,660	1,619	1,120 582	19
20	3/2	1,364	3,360	1,641	409	210	703	0/3	3,224	1,851	1,619	382	20
21	372	2,280	1,308	1,635	418	238	854	620	785	1,853	2,666	1,223	21
22	372	3,711	1,617	1,568	419	463	842	635	1,226	1,856	3,360	1,227	22
23	371	1,613	1,618	1,954	418	830	465	469	1,348	1,681	1,163	1,059	23
24	372 413	1,718	1,605	1,820	419 418	1,504	465 403	671	1,840	1,575	1,350	418	24
25	413	1,718	1,623	/3/	418	1,290	403	673	1,827	2,240	1,350	698	25
26	350	1,719	2,901	960	415	87	1,029	672	1,788	898	1,347	1,120	26
27	350	1,715	4,480	945	355	190	1,372	673	4,060	1,258	1,329	417	27
28	350	2,621	2,184	954	412	180	1,495	556	1,520	1,584	2,257	418	28
29	347	4,060	1,535	1,115		471	1,343	282	1,742	1,610	3,453	417	29
30	350	1,521	1,489	1,718	1	823	259	1,120	1,742	1,619	1,619	418	30
31	608		-1,539	4,813		1,495		382		2,717	1,619		31
MEAN	423	1,482	1,844	1,818	762	826	1,012	728	1,147	1,652	2,006	852	MEAN
MAX.	1,120	4,060	4,480	4,813	4,480	1,910	2,495	1,425	4,060	3,360	4,480	2,235	MAX
MIN.	347	362	952	737	256	87	259	180	231	829	1,163	102	MIN.
AC. FT.	26,008	88,178	113,385	111,758	42,318	50,790	60,219	44,791	68,250	101,590	123,348	50,719	AC.FT.

WATER YEAR SUMMARY

- ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR
OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMU	М				MINIM	U M		
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
1,217							<u> </u>			

	TOTAL	_
Г	ACRE PEET	
1	881,354	

	LOCATION	4	M.	AXIMUM DISCHA	RGE	PERIOD 0	F RECORD		DATU	OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
37 48 02	121 37 09	SE 35 1S 3E				OCT 1968-DATE					

Delta Pumping Plant located 4.5 miles south of Byron. Discharge computed from records of operation of pumps. Water diverted from Sacramento-San Joaquin Delta via Clifton Court Forebay and lifted about 240 feet into the canal. Prior to November 1969, water was diverted via Italian Slough.

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	B89100	MARSH CREEK NEAR BYRON

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		0.0	15	24	9.3	3.8	5.7	2.5	0.7				1
2		0.0	57	25	9.0	3.5	5.8	4.0	0.5				1 2
3		0.0	25	19	8.1	3.7	5.0	4.0	0.5	}	1		3
4		0.0	176	16	7.8	3.8	4.7	3.1	0.5		1		4
5		0.0	67	15	7.8	3.7	4.4	2.7	0.3		ł		5
6		0.0	30	14	7.8	3.7	4.1	2.3	0.2]		6
		0.0	19	13	7.5	3.7	4.7	2.0	0.1				7
		0.0	14	12	7.0	3.8	4.5	2.4	0.1				
9		0.0	12	12	7.0	3.7	3.9	2.3	0.0	l			9
0	N	0.0	8.8	11	6.8	3.6	5.1	2.0	0.1	N	N	N	10
n	0	0.0	7.4	12	6.6	3.2	4.7	1.4	0.1	0	0	0	11
2		0.0	6.6	22	6.4	11	4.0	1.0	0.0	i		1	12
3		0.0	7.5	63	6.4	16	3.5	1.2	0.0			j	13
14		0.0	8.2 6.2	43 33	5.9	7.2 6.7	5.9 4.5	0.7	0.0	F	F	, ,	14
15	F	0.0	6.2	33	5.7	6.7	4.5	0.4	0.0	l r	1	F	15
6	L	0.0	43	29	5.9	5.7	3.8	0.2	0.0	L	L	L	16
7	_	0.0	104	26	6.4	5.1	4.9	0.2	0.0				17
8	0	0.0	101 88	24 21	5.4 5.9	4.4 3.8	4.3 3.0	0.2	0.0	0	0	0	18
9	W	0.0	54	19	5.9	4.2	2.8	0.3	0.0	w	W	W	19
10	W	0.0) 54	1,7					0.0	. "	, w	"	20
21		0.0	69	17	4.9	4.1	3.1	0.3	0.0				21
12		0.0	40	16	5.0	3.8	2.8	0.3	0.0			1	22
3		0.0	31	14	4.9	3.8	2.7	0.2	0.0			1	23
14		0.0	26 22	14 12	4.5	4.0	2.4	0.3	0.0	ļ.			24
25		0.0	22	12	4.4	4.1	2.5	0.2	0.0				25
26		0.0	24	12	4.0	27	2.1	0.0	0.0			1	26
27		0.0	31	11	4.5	18	2.2	0.3	0.0		1		27
28		0.0	24	11	4.4	11	1.9	0.6	0.0				28
29		53	35	10		8.9	2.0	0.6	0.0				29
30 31		15	31 26	9.9 9.6		7.2 6.4	1.9	0.7	0.0				30
-			-	 									_
EAN	0.0	2.3 53	39 176	19 63	6.2 9.3	6.5 27	3.8 5.9	1.2	0.1 0.7	0.0	0.0	0.0	MEA
MIN.	0.0	0.0	6.2	9.6	4.0	3.2	1.9	0.0	0.0	0.0	0.0	0.0	MIN
C. FT.	0.0	135	2,400	1,170	346	402	224	74	6.1	0.0	0.0	0.0	AC.F

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

* — DISCHARGE MEASUREMENT OR

OBSERVATION OF NO FLOW

- E AND *

MEAN					
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME
6.57	313	5.01	12	4	0900
	<u></u>				

MINIMUM												
DISCHARGE	GAGE HT.	MO.	DAY	TIME								
0.0		10	11									

_	TOTAL	`
Г	ACRE FEET	
1	4,750	

	LOCATIO		MA	XIMUM DISCH	ARGE	PERIOD C	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
EXTITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE] Dischards	ONLY	FROM	то	GAGE	DATUM
37 52 25	121 43 35	SW 2 1S 2E	3,880	11.62	1-31-1963	FEB 1953-DATE	FEB 1953-DATE	1953		177.87	USCGS

Station located 40 feet below highway bridge, 1.2 miles above Marsh Creek Dam, 5.0 miles west of Byron. Station affected by backwater from Marsh Creek Reservoir. Maximum gage height of record is 12.98 feet on December 23, 1955. Tributary to San Joaquin River. Records furnished by U. S. Geological Survey. Drainage area is 42.6 square miles.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 BIDWELL CREEK NEAR FT BIDWELL G12200

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	3.5*	5.2	11	6.1	30	15	45	74	136	70	14	7.5	1
2	3.5	5.0	10	5.8	30	12	43	82	122	66	13	7.4	2
3	3.6	5.0	9.9	5.8	28	18	44	108	116	61	13	7.4	1 2
4	3.5	5.44	9.7	5.8	25	14	46	146	116	56	12	7.5	4
5	3.7	9.2	11	5.6*	24	13	51	153	114	52	12	7.3	5
	3.9	7.1	13	5.6	21	14	57 •	139	118	49	12	7.6	
7	4.0	6.2	14	5.8	20	13	57	141	128	46	11	7.8	7
	4.0	9.4	13 *	5.8	18	13	53	164	141 *	44	11	7.2	1
	4.0	30	12	6.3	17 +	13	55	194	142	41	11	6.9	:
10	4.1	12	11	7.2	19	13 *	57	199	164	37	10	6.7	10
11	3.9	11	9.3	6.8	20	13	52	202 *	153	34	10	6.7	111
12	3.9	10	9.3	6.5	21	15	49	211	139	30	9.8	6.5	12
13	3.9	8.2	9.4	6.3	24	14	49	213	135	28	9.6	6.4	13
14	4.0	7.3	7.7	6.3	25	13	54	201	132	26	9.4	6.4	14
15	3.9	6.6	6.8	6.1	27	12	60	193	132	25	9.1	6.4	15
16	4.0	6.2	7.4	9.8	25	12	64	176	133	24	8.9	6.3	16
17	4.0	5.9	7.1	119	24	13	64	163	130 *	23	8.9*	6.4	17
10	4.5	5.8	7.1	189	22	15	57	157	126	22	8.8	6.5	18
19	4.4	5.7	7.4	140	21	14	55	152	123	22	8.6	6.4	19
20	5.0	5.6	7.4	112	20	13	54	145	120	21	8.4	6.4	20
21	5.0	5.6	7.4	90	22	17	51	140	119	20	8.3	6.5*	21
22	5.4	6.3	7.3	74	19	29	46	135	117	19	8.4	6.4	22
23	6.2	9.0	6.8	64	18	90	43	138	115	18	8.3	6.3	23
24	5.5	27	6.8	54	18	84	40	154	111	17	8.0	6.0	24
25	5.4	29	6.8	45	17	67	38	168	117	16	7.8	6.2	25
26	5.2	19	6.5	37	19	75	41	173	130	16	7.6	8.2	26
27	5.1	15	6.5	33	18	63	47	175	111	15	7.6	8.2	27
28	5.9	13	6.5	31	17	53	54	175	95	15	7.4	8.0	28
29	5.7	12	6.3	30	•	52	63	189	85 +	14	7.4	9.6	29
30	5.3	11	. 6.3	29		56	70	183	75	14	7.3	8.9	30
31	5.3	•	6.3	30		50		152		14	7.7		31
MEAN	4.5	10.5	8.7	38.0	21.8	29.3	52.0	161	123	30.8	9.6	7.1	MEAN
MAX.	6.2	30.0	14.0	189	30.0	90.0	70.0	213	164	70.0	14.0	9.6	MAX
MIN.	3.5	5.0	6.3	5.6	17.0	12.0	38.0	74.0	75.0	14.0	7.3	6.0	MIN.
AC. FT.	276	622	533	2338	1208	1801	3092	9907	7329	1894	588	420	AC.FT.

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

WATER	YEAR	SUMMAR
		00.11111111111

MEAN		MAXIMU	M		$\overline{}$		MINIM	JM		
DISCHARGE 41.5	DISCHARGE 345	9A9E HT.			1315		GAGE HT. 2.97			
71.3	343	4.37	١,,,	1 '	1313	3.4	2171	10	01	0000

TOTAL ACRE FEET 30009

	LOCATION	1	M.	AXIMUM DISCH	ARGE	PERIOD C	F RECORD	DATUM OF GAGE				
LATITUDE	LOUGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
41 52 57	120 10 26	SE6 46N 16E	682	5.64	12/24/64	APR 55-0CT 57 8 MAY 58-DATE	APR 55-OCT 57 8 MAY 58-DATE	1958		0.00	LOCAL	

Station located E of New Pine Creek-Fort Bidwell Highway, 2.0 mi. NW of Fort Bidwell. Tributary to Upper Alkali Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 25.6 sq. mi.

ö - Irrigation season only.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME G15150 CEDAR CREEK NEAR CEDARVILLE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
	0.2*	0.7	7.5	3.2	9.9	5.2	26	32	32	8.0	2.8	0.9	1
2	0.2	0.6	7.1	3.1	9.3	4.9	26	33	34	7.4	2.4#	0.9	
3	0.2	0.6	6.9	3.1	9.1	4.0	25	42	37	7.0	2.3	0.8	2
1 4 1	0.2	0.7*	6.6	3.1	8.8	5.0	25 25	51	33	6.4	2.1	0.8	
5	0.2	0.7	8.0	3.1	8.8 8.5	4.8	27	46	33 29	6.0	2.1	0.8	5
	0.2	0.8	12	3.2	8.3	4.6	28	41	27	5.8	2.0	0.7	6
7	0.3	0.9	13	2.6	7.8	4.6	26 *	40	25	5.9	1.9	1.0	7
1 6	0.3	1.0	12 *	1.3	7.5	4.7	26	41	24 *	6.8	1.8	0.8	
9	0.3	1.2	11	4.2	7.3*	4.7	27	41	23 23	5.8	1.7	0.6	9
10	0.3	1.3	9.6	5.8	8.4	4.7	27	38	23	5.4	1.7	0.6	10
,,	0.3	1.4	8.7	5.2	8.5	5.0	25	37 *	20	4.7	1.6	0.6	11
12	0.3	1.5	7.4	4.9	8.5	5.7	24	37	19	4.3	1.6	0.6	12
13	0.3	1.6	6.8	4.7	8.6	6.0	24	36	17	4.2	1.5	0.5	13
14	0.3	1.6	6.1	4.5	8,5	5.9	27	32	16	4.1	1.4	0.5	14
15	0.3	1.7	5.7	4.4	8.5 8.9	5.9 6.2	28	30	15	3.9	1.3	0.5	15
16	0.3	1.7	5.5	12	8.4	6.4	27	28	14	3.9	1.3	0.5	16
17	0.3	1.7	5.1	61	8.3	6.4	27	26	15 *	3.8	1.2*	0.5	17
l is	0.4	1.7	4.3	64	8.1	6.4	26	24	14	3.8	1.2	0.5	18
19	0.5	1.7	4.8	47	7.8	6.8	27	24	13	3.9	1.1	0.5	19
20	0.5	1.7	4.7	40	7.8 7.4	8.5	26	24	12	4.1	1.0	0.5	20
21	0.6	1.7	4.1	30	7.2	11	25	22	11	3.6	1.1	0.5	21
22	0.6	1.7	4.1 3.8	22	7.0	18	24	21	10	3,4	i.i	0.5	22
23	0.7	1.8	3.5	18	7.0 6.8	60	24	21	10	3.3	1.0	0.5	23
24	0.9	2.1	3.4	16	6.7	47	22	21	8.8	3.3	0.9	0.5	24
25	0.9	32	3,4	14	6.7 6.1	41	55	21 *	10	3.1	0.9	0.5	25
26	0.9	21	3.4	13	6.5	51	24	55	21	2.9	0.8	1.2	26
27	0.8	12	3.1	12	5.3	41	25	21	14	2.8	0.8	1.2	27
28	0.8	12	3.2	12	5.3 5.1	37	27	21	1 12	2.6	0.8	1.0	28
29	0.8	8.6	3.3	ii		36	31	27	11 * 9.3	2.5	0.8	2.5	29
30	0.7	7.7	3.4	10		35	32	58	9.3	2.5	0.7	2.5	30
31	0.7		3.2	10	-	29		29		2.9	0.8	•••	21
MEAN	0.5	4.1	6.1	14.5	7.8	16.7	26.0	30.9	18.7	4.5	1.4	0.8	MEAN
MAX.	0.9	32.0	13.0	64.0	9.9	60.0	32.0	51.0	37.0	8.0	2.8	2.9	MAX.
MIN.	0.2	0.6	3.1	1.3	5.1	4.0	22.0	21.0	8.8	2.5	0.7	0.5	MIN.
AC. FT.	28	244	378	889	434	1024	1547	1898	1110	274	86	48	AC.FT.

- E AND *

E — ESTIMATED

NR — NO RECORD

• DISCHARGE MEASUREMENT OR

OBSERVATION OF PLOW MADE THIS DAY.

WATER YEAR SUMMARY MAXIMUM GAGE HT. M MINIMUM GAGE HT. MO. DAY TIME DISCHARGE MO. DAY TIME DISCHARGE 0.2 01 17 1900 2.39 10 02 0330

	LOCATION	1	МА	XIMUM DISCH.	ARGE	PERIOD 0	F RECORD		DATUM OF GAGE			
		1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
41 31 48	120 11 15	se6 42N 16E	81	5.43	1/23/70	MAY 58-DATE	may 58-date	1958		0.00	LOCAL	

MEAN

11.0

Station located above Cedarville-Alturas Highway culvert, immediately W of Cedarville. Tributary to Middle Alkali Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 25 sq. mi.

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 EAGLE CREEK AT EAGLEVILLE G17150

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5													1 2 3 4 5
6 7 8 9 10													6 7 8 9 10
11 12 13 14 15													11 12 13 14 15
16 17 18 19 20					DATA	Insufficien	TO COMPUTE	DISCHARGE					16 17 18 19 20
21 22 23 24 25													21 22 23 24 25
26 27 28 29 30 31													26 27 28 29 30 31
MEAN MAX. MIN. AC. FT.													MEAI MAX MIN AC.FI

WATER YEAR SUMMARY

- ESTIMATED

- NO RECORD
- DISCHARGE MEASUREMENT OR OBSERVATION OF NO FLOW

- E AND *

MEAN		MAXIMI	JM				MINIM	U M		
DISCHARGE	DISCHARGE	GAGE HT.	MQ.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
.)										

TOTAL ACRE FEE

	LOCATIO	N	MAXIMUM DISCHARGE		PERIOD C	F RECORD		DATU	JM OF GAGE		
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		Z ERO ON	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT. DATE		DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
41 18 40	120 07 27	SE23 40N 16E				MAY 58-DATE	MAY 58-DATE	1958		0.00	TOCAT.

Station located 0.6 mi. SW of Eagleville. Tributary to Middle Alkali Lake. Stage-discharge relationship affected by ice at times. Drainage area is 6.36 sq. mi.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 G31140 PINE CREEK AT EAGLE LAKE NEAR SUSANVILLE

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.0*	0.0	0.0	0.0	0.2	0.0	177	226	154	1.7	0.0	0.0	1
2	0.0	0.0	0.0	0.0	0.1	0.0	177	186	161	1.0	0.0	0.0	2
3	0.0	0.0	0.0	0.0	0.0	0.0	194	206	143	0.6	0.0	0.0	3
4	0.0	0.0	0.0	0.0	0.0	0.0	213	235	117	0.1	0.0	0.0	4
5	0.0	0.0*	0.0	0.0	0.0	0.0	262	233	108	0.0	0.0	0.0	5
6	0.0	0.0	0.0	0.0*	0.0	0.0	342	203	88	0.0	0.0	0.0	6
7	0.0	0.0	0.0	0.0	0.0	0.0	386 *	169	66	0.0	0.0	0.0	7
8	0.0	0.0	0.0	0.0	0.0	0.0	322	169	47	0.0	0.0	0.0	8
9	0.0	0.0	0.0*	0.0	0.0	0.0	360	187	36 *	0.0	0.0	0.0	9
10	0.0	0.0	0.0	0.0	0.0*	0.0	475	161	28	0.0	0.0	0.0	10
-11	0.0	0.0	0.0	0.0	0.0	0.0	390	143	23	0.0	0.0	0.0	11
12	0.0	0.0	0.0	0.0	0.2	0.0	364	142	18	0.0	0.0	0.0	12
13	0.0	0.0	0.0	0.0	0.9	0.0	359	141	12	0.0	0.0	0.0	13
14	0.0	0.0	0.0	0.0	1.9	0.0	355	126	8.8	0.0	0.0	0.0	14
15	0.0	0.0	0.0	0.0	3,5	0.0	404	116	7.4	0.0	0.0	0.0	15
16	0.0	0.0	0.0	0.0	3.8	0.0	448	107	6.0	0.0	0.0	0.0	16
17	0.0	0.0	0.0	0.0	3.0	0.0	480	94	4.3	0.0	0.0	0.0	17
18	0.0	0.0	0.0	0.0	3.2	0.0	427	87	3.0	0.0	0.0	0.0	18
19	0.0	0.0	0.0	0.0	2.0	0.0	324	79	2.4	0.0	0.0	0.0	19
20	0.0	0.0	0.0	0.0	1.0	0.0	283	67	2.0	0.0	0.0	0.0	20
21	0.0	0.0	0.0	0.0	1.0	0.0	256	60	1.3	0.0*	0.0	0.0	21
22	0.0	0.0	0.0	0.0	0.3	0.0	207	58	0.9	0.0	0.0	0.0	22
23	0.0	0.0	0.0	0.0	0.0	9.4	182	57	0.7	0.0	0.0	0.0	23
24	0.0	0.0	0.0	0.0	0.0	87	172	49	0 • 4	0.0	0.0	0.0	24
25	0.0	0.0	0.0	0.0	0.0	161	164	47	0 • 1	0.0	0.0	0.0	25
26	0.0	0.0	0.0	0.0	0.0	189	180	59	1.2	0.0	0.0	0.0	26
27	0.0	0.0	0.0	12	0.0	169 *	214	67	2.4	0.0	0.0	0.0	27
28	0.0	0.0	0.0	57	0.0	216	244	99	2.7	0.0	0.0	0.0	28
29	0.0	0.0	0.0	23	I	207	276	131	3.3	0.0	0.0	0.0	29
30	0.0	0.0	0.0	0.3	!	239	269	142	2.6	0.0	0.0	0.0	30
31	0.0		0.0	0.2		228		134		0.0	0.0		31
MEAN	0.0	0.0	0.0	3.0	0.8	48.6	296	128	35.0	0.1	0.0	0.0	MEAN
MAX.	0.0	0.0	0.0	57.0	3.8	239	480	235	161	1.7	0.0	0.0	MAX
MIN.	0.0	0.0	0.0	0.0	0.0	0.0	164	47.0	0 • 1	0.0	0.0	0.0	MIN.
AC. FT.				183	43	2986	17665	7894	2084	7			AC.FT.

WATER YEAR SUMMARY

E — ESTIMATED

NR — NO RECORD

• — DISCHARGE MEASUREMENT OR

OBSERVATION OF FLOW MADE THIS DAY.

- E AND *

MEAN		MAXIMU	М		_			MINIM	J M			١
DISCHARGE	DISCHARGE	GAGE HT.	MO.	DAY	TIME	П	DISCHARGE	GAGE HT.	MO.	DAY	TIME	•
42.6	521	4.90	04	10	0700	П	0.0	1.36	10	01	0000	
		1			-	'			<u> </u>		oxdot	1

TOTAL ACRE PEET 30862

	LOCATION	4	MA	XIMUM DISCH.	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
= . = . =		1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
40 39 56	120 47 07	NE1 32N 10E	936	5.60	1/24/70	JUL 56-DATE	JUL 56-DATE	1970		0.00	LOCAL

Station located above mouth, 18 mi. NW of Susanville. Tributary to Eagle Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 227 sq. mi. Prior to October 1969, gage located at site 1 mi. upstream.

DAILY MEAN DISCHARGE

(IN CUBIC FEET PER SECOND)

WATER YEAR STATION NO. STATION NAME 1971 G61705 LONG VALLEY CREEK NEAR HALLELUJAH JUNCTION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.94	2.1	9.5	9.2	21	17	56	32	80	6.4	2.7	1.1	1
2	1.0	2.1	9.8	6.7	21	21	35	33	62	6.0	1.8	1.1	1 2
3	1.0	2.1	11	4.8	15	24	29	90	53	5.6	1.5	1.1	3
4	1.0	2.1	22	5.9	9.4	21	29	100	46	5.3	1.4	1.2	1 4
5	1.0	7.30	19	5.8	17	16	34	92	53	5.0	1.5	1.1	5
6	1.1	7.9	15	5.4	19	16	49	94	45	4.7	1.7	1.1	
7	1.1	5.9	16	5.70	19	19	88	92	42	4.5	1.3	1.2	7
	1.1	5.2	18	6.1	19	22	62 •	92	40	4.3	1.3	1.2	
9	1.2	5.5	16 *	6.3	19	18	60	84	38	4.0	1.6	1.2	9
10	1.2	7.1	12	6.8	19 •	16	75	80	36 •	3.9	1.5	1.2	10
11	1.2	5.2	11	7.1	20	17 *	58	77	32	3.7	1.3	1.2	111
12	1.2	6.3	10	7.3	23	41	55	73	30	3.4	1.3	1.1	12
13	1.3	5.1	6.6	7.3	23	15	56	77 •	27	3.3	1.2	1.1	13
14	1.3	4.7	8.5	7.5	24	19	55	78	27	3.1	1.2	1.2	14
15	1.3	4.8	9.6	7.9	21	29	52	77	24	3.0	1+1	1.2	15
16	1.4	4.7	6.2	8.3	23	29	52	72	21	2.9	1.0	1.2	
17	1.4	4.6	8.7	57	23	28	55	64	19	2.7	1.1	1.2	17
18	1.4	4.8	8.9	45	19	21	53	58	17	2.5	1.1	1.2	18
19	1.4	5.0	10	39	15	21	45	54	15	2.5	1.0	1.3	19
20	1.5	5.1	8.4	10	16	21	42	48	13	2.1*	1.0	1.3	20
21	1.5	5.5	8.8	19	23	22	42	60	12	2.2	1.0	1.3	21
22	1.6	5.8	7.4	19	22	23	38	82	11	1.5	1.0	1.3	22
23	1.6	5.8	5.6	5.8	21	51	37	61	9.7	1.3	1.0	1.3	23
24	1.7	6.1	7.0	5.2	20	66	38	52	9.2	1.2	1.0	1.3	24
25	1.8	16	7.0	5.0	20	48	44	54	8 • 6	1.1	1.0	1.3	25
26	1.8	16	6.9	5.0	14	328 *	126	51	8.9	1.1	1 • 1	1.4	26
27	1.8	9.2	7.3	16	14	151 *	6.0	71	8.7	1.1	1.1	1.4	27
28	1.8	13	8.1	9.9	16	156	41	61	7.4	1.1	1.1	1.4	28
29	2.0	15	8.3	21	1	157	36	58 •	7.2	1.2	1.1	1.4	29
30	2.1	10	7.9	20		168	33	72	6.8	1.2	1.1*	1+4	30
31	2.2		8.3	20		126		72		2.2	1.1		31
MEAN	1.4	6.7	10.3	13.1	19.1	55.7	51.2	69.7	27.0	3.0	1.3	1.2	MEAL
MAX.	2.2	16.0	22.0	57.0	24.0	328	126	100	80.0	6.4	2.7	1.4	MAX
MIN.	0.9	2.1	5.6	4.8	9.4	15.0	29.0	32.0	6.8	1.1	1.0	1.1	MIN
AC. FT.	87	397	632	803	1062	3425	3045	4286	1606	187	78	73	AC.FI

E — ESTIMATED

NR — NO RECORD

DISCHARGE MEASUREMENT OR
OBSERVATION OF FLOW MADE THIS DAY.

E AND *

WATER	YF AR	SUMMARY	

MEAN		MAXIMU	J M		MINIM	U M	
DISCHARGE 21.7	DISCHARGE 598	GAGE HT. 3.98			GAGE HT. 2.22	1	

TOTAL ACRE PEET 15681

	LOCATION	4	МА	XIMUM DISCH.	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 46 55	121 04 14	SW3 22N 17E	3520	9.16	1/24/70	DEC 57-DATE	DEC 57-DATE	1957		0.00	LOCAL

Station located at U.S. Highway 70 Bridge, 2 mi. west of Hallelujah Junction. Tributary to Honey Lake. Stage-discharge relationship affected by ice at times. Drainage area is approximately 100 sq. mi.

TABLE B-6

STREAMFLOW MEASUREMENTS AT MISCELLANEOUS SITES

This table shows the discharge rate on various streams at locations other than those where continuous recorders are maintained.

TABLE B-6
STREAMFLOW MEASUREMENTS AT MISCELLANEOUS SITES

Stream	Locat	ion	Meas	urements
Stream	Latitude	Longitude	Date	Discharge (cfs)
Delta Cross Channel at Walnut Grove		121°30'57"	6-2-1971 to 6-3-1971	7,878 (a, b) 7,792 (a, b)

- a The flows shown are mean cyclic flow for a tidal phase which approximates 24 hours and 50 minutes in time.
- b The mean cyclic flow is toward the downstream direction of the channel.

TABLE B-7

DIVERSIONS

The Department has reduced its diversion program to measuring the major diversions on the Feather and Yuba Rivers.

This table includes diversion data on the Sacramento River, furnished by the U. S. Bureau of Reclamation, and on the Mokelumne River, furnished by the East Bay Municipal Utility District. The data are published as received from these agencies.

Additional diversion data not included in this table may be obtained from the Water Rights

Division of the State Water Resources Control Board.

TABLE B-7 (Continued) DIVERSIONS -- FEATHER AND YUBA RIVERS October 1970 through September 1971

	MILE AND BANK	NUMBER AND SIZE				М	ONTHLY	DIVERSI	ON IN A	CRE - FE	ET				TOTAL
WATER USER	ABOVE MOUTH	OF PUMP IN INCHES	OCT.	NOV.	DEC.	JAN,	FEB	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT - SEPT.
					PEATHE	R RIVER									
NICOLAUS BRIDGE	9.2														
Hamatami Brothers	9.75R	1-20 1-30							340	1,360	1,100	1,690	1,640	790	6,920
BEAR RIVER		1-30												}	
Garden Highway Mutual Water Company	13.1R	2-20 1-24							1,530	2,800	3,210	3,350	3,050	1,030	14,970 a
Feather Water District b	15.2R	3-14					ŀ	12	437	988	1,480	1,601	810	209	5,537
Plumas Mutual Water Company	17.5L	2-18						144	540	1,570	1,500	1,690	1,300	746	7,490 a
Tudor Mutual Water Company	18.4R	2-30 1-35						141	449	575	931	1,210	520	140	3,966
Feather Water District b	20.4R	4-26		!				236	1,020	2,040	3,220	3,830	2,470	1,330	14,146
Oswald Water District	21.4R	2-16								216	470	443	299	33	1,461
YUBA RIVER															
GAGING STATION - FEATHER RIVER AT YUBA CITY	28.0#														
10TH STREET BRIDGE	28.2														
City of Yuba City c	29.6R	3-20	366	213	196	213	207	240	300	364	551	735	695	529	4,609
Sutter Extension Water District	d 38.1R	1-36 1-46 1-48							:	7,997	6,444	5,590	4,871	1,515	26,417
HONCUT CREEK	43.7L														
FEATHER RIVER OUTLET AT THERMALITO AFTERBAY	58.2R														
THERMALITO DIVERSION DAM	65.6						:								
Western Canal Outlet at Thermalito Afterbay	19/3-18D**	Gravity	16,650	8,325					13,390	36,340	31,010	33,170	31,280	13,380	183,545
Richvale Canal Outlet at Thermalito Afterbay	19/3-18D**	Gravity	361						8,235	19,080	13,490	15,240	14,230	6,504	77,140
P. G. & E. Outlet at Thermalito Afterbay	19/3-19E**	Gravity	1						363	729	639	704	655	130	3,221
Sutter-Butte Canal Outlet at Thermalito Afterbay	18/3-5B**	Gravity	26,330	6,214				20,110	49,330	80,810	75,850	89,300	85,190	47,690	480,824
OROVILLE DAM	70.4														
FEATHER RIVER, TOTAL DIVERSIONS		-	43,708	14,752	196	213	207	20,883	75,934	154,869	139,895	158,553	147,010	74,026	830,246

^{**} Diversions are via Thermalito Afterbay. Figures represent North Townships, East Ranges, and Sections. Letters represent the 1/4-1/4 sections which are lettered from A through R, excluding I and O, similar to the numbering of sections within a township.

Station located on bridge at or near ceoter of stream.

a Includes an undetermined amount of spill to river.
b Records furnished by U. S. Sureau of Reclamation.
c Records furnished by Gity of Yuba City.
d Records furnished by Sutter Extension Water District.

					YUBA	RIVER									
HIGHWAY 99E BRIDGE	0.0														
DAGUERRE POINT DAM	11.0														
Hallwood Irrigation District	11.OR	Gravity	6,090	6,300	4,730	2,370	19	1,310	10,100	NR	NR	14,900	14,200	10,100	NR
Cordua Irrigation District	11.OR	Gravity	8,550	9,560	6,760	3,360		142	5,170	11,050	11,160	13,600	14,200	6,570	90,122
Browns Valley Irrigation District	11.7R	1-24 1-16 1-12 1-6	1,440	531					365	1,980	2,210	2,630	2,860	806	12,822
DRY CREEK	13.1R														
DEER CREEK	21.8L														
ENGLEBRIGHT DAM	22.8														
YUBA RIVER, TOTAL DIVERSIONS			16,080	16,391	11,490	5,730	19	1,452	15,635	NR	NR	31,130	31,260	17,476	NR

TABLE B-7 (Continued) MISCELLANEOUS DIVERSIONS - SACRAMENTO RIVER - SACRAMENTO TO RED BLUFF * October 1970 through September 1971

WATER USER TOWER BRIDGE - SACRAMENTO 0.0 Natomas Central Mutual Water Company B. C. Robbins G. A. Hanks and Sons Investment Operating Corporation Latter Day Saints Church	OF PUMP IN INCHES	ост. 602	NOV.	OEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT SEP
Natomas Central Mutual Water Company B. C. Robbins G. A. Hanks and Sons Investment Operating Corporation		602												ACRE-FEE
B. C. Robbins G. A. Hanks and Sons Investment Operating Corporation		602	l											
G. A. Hanks and Sons Investment Operating Corporation								7,881	15,702	17,144	19,919	17,589	7,314	86,151
Investment Operating Corporation									95	136	158	31		420
								40	102	181	166	63	18	570
atter Day Saints Church		655						3,576	5,564	7,841	8,453	3,864	888	30,841
Accel bay damed disacti										119	198	79	49	445
Deseret Farms of California						İ				244	259	232	171	906
Pleasant Grove-Verona Mutual Water Company		l						1,141	3,466	3,172	4,452	4,611	1,642	18,484
Antonio Furlan										82	64	80		226
Wallace Construction Company								315	550	823	854	683	190	3,415
Sutter Mutual Water Company								28,673	42,409	54,090	49,827	41,730	11,820	228,549
Martha Leiser								32	113	110	152	143	46	596
River Garden Farms Company	1							2,419	3,939	4,723	4,649	4,532	877	21,139
Reclamation District No. 108		78						21,726	29,605	29,717	33,390	28,987	12,718	156,221
John Clauss								55	91	255	105	80		586
John R. Henle										211	191			402
)ji Brothers								148	302	670	397	353	96	1,966
Glenn J. Hiatt								34	168	239	223	316	66	1,046
William S. Keeler									577	708	713	654	412	3,064
May B. Chaplin		4							151	1,039	1,038	451	280	2,963
Pelger Mutual Water Company								1,118	482	689	1,073	971	155	4,488
Title Insurance and Trust Company										123	290	166	91	670
William A. Larner								38	173	198	268	184	76	937
)ji Brothers Farm, Inc.										59	104			163
Tisdele Irrigetion Compeny		15						537	1,297	1,563	1,490	1,321	199	6,422
Alan D. Winship										42	118	74	3	237
Newhall Land and Cattle Company								1,309	1,865	2,062	548	491	152	6,427
Meridian Farms Water Company		9						2,162	4,268	4,881	5,399	4,570	1,640	22,929
. and A. Andreotti								159			141			300
). P. Davis Estate		317						4,347	4,737	4,127	3,198	2,678	815	20,219
red L. Tomlinson								78	85	81	151	43		438
Reclemation District No. 1004		3,497						2,848	8,864	7,169	9,495	8,376	3,231	43,480
Swinford Tract and Irrigation Company								78	27	73	69	7	33	287
Coluse Irrigation Company								154	166	234	238	64	12	868
Roberts Ditch Irrigation Company		5						118	260	564	570	666	183	2,366
Vilson M. Lovvorn	,							478	304	88				870
Roger C. Wilbur		108						580	455	366	271	76	128	1,984
Joan Lewis		634						278	200	298	526	162	156	2,254
J. Griffin	ŀ								431	315	515	472	67	1,800
Toyce M. Wells								149	346	401	255	244	151	1,546
Robert Hunter								100	231	267	170	163	100	1,031
Sactane Mutual Water Company		152						292	622	726	744	781	90	3,407
Helen May Forry		290						57	40	275	320	273	45	1,300
Colusa Properties, Inc.								219	155	210	311	160		1,055
R. B. Carter														ĺ
Zumwalt Orchards		24						35	77	81	106	10	58	391
Princeton-Cordora-Glenn Irrigation District		415						9,407	8,435	8,406	9,271	8,829	2,805	47,568
Provident Irrigation District		1,714						11,483	7,886	8,902	9,141	6,356	960	46,442
red Cannell								80	234	193	247	9		763
4 & T, Incorporated		37						202	664	550	1,915	2,333	667	6,368
Glenn-Coluse Irrigation District		24,182							i	125,580			69,086	
RED BLUFF BRIDGE 193.45														
SACRAMENTO RIVER, TOTAL DIVERSIONS		32,738						211.883	278,026	290,027	313,298	276 ,804	117,490	1,520,266

^{*}All data furnished by the U. S. Bureau of Reclamation for October and the period April through September.

TABLE B-7 (Continued) DIVERSIONS - MOKELUMNE RIVER October 1970 through September 1971

	MILE AND BANK	NUMBER AND SIZE				м	DNTHLY	DIVERSI	ON IN AC	RE - FE	ΕT				DIVERSION
WATER USER	ABOVE NEW HOPE BRIDGE	OF PUMP IN INCHES	OCT.	NOV.	DEC.	JAN.	FEB	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DCTSEPT ACRE-FEE
				<u>B</u>	ETOM MOOT	BRIDGE D	AM								
Albin G. Steffan	8.7R 10.6R 12.7R	1-12 1-16 1-12					1	NO DIV 160 89	ERSION 479 317	553 481	594 633	569 643	612 654	554 595	3,552 a 3,412 a
Valley Hi Inn, Inc.	12.7L	1-6							7						7
C. Blattler	15.5R	1-4	3						7	5	14	10	9	9	57
W. G. Taddei	15.6R	1-6	31				3	4	9	19	26	26	23		141
Mrs. Rose J. Linde	16.8R	1-6							55	39	47	63	65		269
James Piazza	17.4R	1-6							14	41	34	36	21	11	157
Warren Hargrave	18.2L	1-7						NO DIV	ERSION						
GAGING STATION - MOKELUMNE RIVER AT WOODBRIDGE	19.2R														
SACRAMENTO ROAD BRIDGE	19.8														
WOODBRIDGE IRRIGATION DISTRICT	DAM 19.9														:
MOKELUMNE RIVER BELOW WOODBRIDGE	DAM														
Total diversions Average cubic feet per second			34 1				4	253 4	888 15	1,138	1,348 23	1,347 22	1,384	I,169 20	7,565 10

a Includes an undetermined amount of spill to river. Note: All diversion data were furnished by the East Bay Municipal Utility District.

				MOODBRIDGE DAY	TO CAMANCHE DA	м					i		
WOODBRIDGE IRRIGATION DISTRICT DAM	19.9			WOODERIDGE DA	1 CALANCIE E								
Woodbridge Irrigation District	19.9L	Gravity	6,870			5,500	13,640	17.380	20,500	23.480	21,270	13.040	121,680
Arthur J. Hoffman	21.85R	1-10	4			-,	180	8	16	15	11	10	244
C. H. Fillhardt	22.1R	1-6							3	3	4	-	10
V. P. Sperling	22.5R	1-5				NO DI	VERSION						
Robert Peters	23.03R	1-3	1					2	2	4	3	4	16
Cecil Mumbert	23.4R	1-4				-			20	22	12		54
Tillie D. Sanguinetti	23.4L	1-3				NO DI	VERSION						
SOUTHERN PACIFIC RAILROAD BRIDGE	23.6												
Western Republic Corporation a	24.0L 24.12R	1-4 1-1 1/2	2				1	2	5	36 4	23	2	59 20
HIGHWAY 99 BRIDGE	24.2												
Marie Hallinan Estate	24.45L 24.5L	1-5 1-6				NO DI	VERSION 7	4					11
R. Vaccarezza b	24.8L	1-5					6		13	11	7	8	45
Ray A. Mettler	25.2R	1-10						6	14	9	13	2	44
CENTRAL CALIFORNIA TRACTION COMPANY BRIDGE	25.6												
W. F. Johnson	76.3L	1-4							3	29	30		62
Richard Wagers	26.35L	1-2				ĺ		1	2		3		6
Nakagawa Brothers	26.9R	1-5				1		12	8	36	11	23	90
Irene C. Green	27.5L	1-5						18	37	44	38	8	145
Rose Linde	27.6L	1-8					14	3	4	3	7		31
Cranaton and Burnheiser	27.9L	1-10					132	68	69				269
F. O. and A. Proctor	28.59L	1-6							5	16	2		23
Nakagawa Brothers	28.6R 28.71R	1-6 1-4	2				4	16 8	16 8	31 8	42	16	127 24
W. E. Melhaff	29.9R	1-8					50	9	23	37	36		155
Emil Bender	30.OL	1-10					8	6	19	3	9		45
BRUELLA ROAD BRIDGE	30.0												
A. Knoll	30.13L	1-8				NO DI	ERSION						
V. W. Hoffman and Sons	30.15L	1-8				1	39	25	33	38	48	11	195
Hugh H. Davis c	30.35R	1-6				2	33	9	18	20	20		102
J. J. Schmiedt Estate	30.95L	1-7							51	109			160
Leon Kirschenmann	31.OL	1-8				64	55		32	55	20	8	234
V. W. Hoffman and Sons	31.45R	1-5					24	2	13	1			40

TABLE B-7 (Continued) DIVERSIONS - MOKELUMME RIVER October 1970 through September 1971

	MILE AND BANK	NUMBER AND SIZE				м	ONTHLY	DIVERSI	ON IN AC	RE - FE	ET				TOTAL
WATER USER	ABOVE NEW HOPE BRIDGE	OF PUMP	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT - SEPT
						1		-							1
	31.71	1-5	WOOD	BRIDGE D	AM TO CAR	MANCHE DA	M (Conti:	nued)			34	44	26		104
Rosa D. Soucle	31.7L	1-7					ł			13	10	8	9		40
John Graffigna Estate Lawrence Jones	32.29L	1-14								13	75	123	150	54	402
North San Joaquin Water	32.3L	1-14	230					238	1,252	1,331	1,507	1,540	1,288	772	8,158
Conservation District		1-16 1-18								_,		-,	}		,,,,,,,
R. Graffigna and A. Costa	32.33R	1-6							37	9	10	20	7		83
William J. Lange	32.8R	1-1 1/2									1				1
Chester M. Locke	33.25L	1-10						9	22	11	125	105	56	35	363
Acampo Vineyards	33.45R 33.6R	1-8 1-8							98 90	7 30		43	7		105 170
Neil C. Locke	33.7L	1-12						1	1	18	97	203	238	12	510
T. and E. Schmierer	33.8R	1-4								1	18	11	2		32
U. S. Department of Agriculture															
Soil Conservation Service	34.0L	1-8						NO DIV	1						
Pritam Singh Dhaliwal	34.05R	1-4						1	6	2			3		11
Norman Knpll	34.1R 34.3R	1-4 1-4						4	31 16	7	17 15	13	15 3	5 13	92 54
U. S. Department of Agriculture Soil Conservation Service	34.34L	1-5						NO DIV	ERSION						
ELLIOTT ROAD BRIDGE	34.35														
J. Hull, J. Graham, and T. Hess	34.5R	1-4						NO DIV	ERSION						
Robert Russell d	34.55L	1-10								20	22	32	17	16	107
Donald Smith	34.55L	1-1 1/2	1					1	1	1	2	2	2	1	11
K. E. and J. Beckman	34.6R	1-5									7	9	9	2	27
H. Bava, D. Panella, and Dr. Barkett	34.751	1-16						31	10	35	136	135	127	22	496
K. E. and J. Beckman	35.14R	1-16	4							84	125	149	132	135	629
Lincoln Chan	35.15R	1-6								29	85	94	74	40	322
Grizzly Hill Ranch	35.2L	1-8	8	1	1		1	1	5	38	42	54	56	26	233
Manuel Machado	35.4L	1-8	4						11	3	18	62	52	3	153
Lincoln Chan	35.5R	1-8								30					30
R. D. Mehlhaff	35.7L 35.7L	1-6 1-8	4				8	8 14	5 10	12	30	48	26	26	163 32
I. H. Quessenberry	35.9L	1-7									21	23	41	43	128
Fred F. Sievers	36.OL	1-6							9	5	30	22	26	26	118
Lincoln Chan	36.2R	1-6								18					18
Ossie Parker	36.45L	1-12	23							:	293	62	53		431
J. R. Wiederrich, et al e	36.75L 37.15L	1-5 1-10								11	17 4	20	5		42 15
W. L. Moffat, et al	37.45R	1-8										49	65		114
	37.65L	1-10									36	66			102
Maria Costa, et al	37.7R 38.0L	1-12 1-6									6 31	9 20	19		15 70
Frank Lucchesi f	38.1L	1-8									39	25	44		108
R. and R. Sutter g	38.3L	1-10							69	15	9		96	3	192
N. and C. Locke	38.5L	1-12									629	177			806
Clements Estate	39.OL	1-12	169					28	203	460	576	557	420	339	2,752
H. S. Magee Estate	39.25L	1-5								31	14	22	16	2	85
OLD CLEMENTS BRIDGE	39.3														
L. and T. Deluca	39.59L	1-4			}				25	9					34
Mrs. Wakeham Clark	39.6L	1-6	3							4	22	13	15	7	64
J. N. Henry	39.9R	1-6									88	22	14		124
Donald L. Farrell h	40.48L	1-2 1/2								5	11	20	17	11	64
Claude C. Wood Company 1	40.52L	1-6	9	52				1			61	97	65	1	286
H. Ostermann	40.53L	1-6							5	5	26	22	24	13	95
C. and A. Mehrten	40.72L	1-6	3								16	33	24		76
H. and E. Mason	40.83L	1-6	14						9	13	19	20	22	16	113
				1		1	l		ı						I

TABLE B-7 (Continued) DIVERSIONS - MOKELUMME RIVER October 1970 through September 1971

	MILE AND BANK	NUMBER AND SIZE				M	ONTHLY	DIVERSI	ON IN AC	RE - FE	ET				TOTAL DIVERSION
WATER USER	ABOVE NEW HOPE BRIDGE	OF PUMP IN INCHES	OCT.	NOV.	DEC.	JAN.	FEB	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCTSEPT
			WOOD	BRIDGE DA	AM TO CAP	i ianche da	 (Contir	nued)							
HIGHWAY 88 BRIDGE	41.00														
P. and N. Wright	41.14L	1-3				1					14	12	13	7	46
C. Fukuhara and R. Nakashima	41.14R	1-2 1-8									99	93	50	38	280
L. A. Rozzoni Estate	41.40L	1-10									96	54	57	23	230
Clarence Jones	42.11R	1-8	10					4	8	14	27	23	29	18	133
Lawrence Putnam Estate	42.24L	1-2 1/2						NO DIV	ERSION						
P. W. Olivera	42.66R	1-3	7						6	7	21	22	18	17	98
George W. Beggs j	42.97L 42.99L	1-4 1-8	2 16					47	2 13	6 21	10 31	6 21	10 50	7 10	43 209
CAMANCHE RECORDER - MOKELUMNE RIVER BELOW CAMANCNE DAM	43.00														
P. W. Olivera	43.15R	1-4	7						6	8	14	20	19	16	90
CAMANCHE DAM															
MOKELUMNE RIVER, WOODBRIDGE DAM TO CAMANCHE DAM						-									
Total diversions Average cubic feet per second			7,393 120	53 1	0	0	13 0	5,954 96	16,143 271	19,892 324	25,550 429	28,246 459	25,124 409	14,891 250	143,260 198

- a Formerly listed as Western Republic Land Company.
- b Formerly listed as R. Vaccarezza and A. Barsotti.
- c Formerly listed as Nelson H. Davis.
- d Formerly listed as H. C. Russell.
- e New installation in 1971.

- f Name corrected from Lucchessi to Lucchesi.
- g Formerly listed as Rudolph Sutter.
- h Formerly listed as Bert Campbell
- i Formerly listed as Robert Simmons.
- j Formerly listed as P. M. and U. L. Thorne.

Note: Diversion data shown on this table are furnished by the East Bay Municipal Utility District, excepting the data for the Woodbridge Irrigation District, which were furnished by the U. S. Geological Survey. Monthly totals are computed by the Department.

TABLE B-8 DELIVERIES FROM FOLSOM AND NIMBUS RESERVOIRS October 1970 through September 1971

					Monthl	Diversion	on in Acre	-Feet					
Water User	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Мау	June	July	Aug.	Sept.	Total
Cordova Water Service and City of Folsom a						AMERICAL	N RIVER		_				
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	2,222 36 10.0	1,901 32 8.5	1,634 27 7.4	1,501 24 6.8	1,454 26 6.5	1,981 32 8.9	1,593 27 7.2	1,854 30 8.4	1,891 32 8.5	2,150 35 9.7	2,037 33 9.2	1,973 33 8.9	22,191 31
San Juan Suburban Water District a Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	3,133 51 8.6	1,388 23 3.8	1,205 20 3.3	1,254 20 3.5	1,116 20 3.1	1,624 26 4.5	2,148 36 5.9	2,815 46 7.7	4,958 83 13.6	6,038 98 16.6	5,847 95 16.1	4,823 81 13.3	36,349 50
<u>State of California</u> a Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	125 2 9.3	80 1 5.9	89 1 6.6	95 2 7.0	93 2 6.9	113 2 8.4	105 2 7.8	96 2 7.1	131 2 9.7	142 2 10.5	151 2 11.2	129 2 9.6	1,349

TABLE B-9 IMPORTATIONS 1NTO NORTHEASTERN CALIFORNIA October 1970 through September 1971

Water User	Monthly Diversion in Acre-Feet												
water user	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Арт.	May	June	July	Aug.	Sept.	Total
<u>Clear Creek Powerplant</u> a						TRINITY	RIVER						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	47,150 767 3.9	15,300 257 1.3	33,900 551 2.8	91,460 1,487 7.6	116,690 2,101 9.6	106,880 1,738 8.8	137,800 2,316 11.4	171,730 2,793 14.2	179,950 3,024 14.9	149,090 2,425 12.3	88,810 1,444 7.3	71,940 1,209 5.9	1,210,700 1,672

TABLE B-10 EXPORTATIONS FROM NORTHEASTERN CALIFORNIA October 1970 through September 1971

						Month1	y Diversi	on in Act	e-Feet					Total
Water User		Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Iotal
East Bay Municipal Utility District b							MOKELUMN	E RIVER						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	Markette water the factor of t	18,651 303 8.7	17,875 300 8.4	18,489 301 8.6	16,719 272 7.8	13,318 240 6.2	17,456 284 8.2	17,934 301 8.4	18,598 302 8.7	18,270 307 8.5	19,146 311 9.0	19,118 311 8.9	18,463 310 8.6	214,037 296
Putah South Canal a							PUTAH	CREEK						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal		23,222 378 10.8	8,114 136 3.8	1,866 30 0.9	1,989 32 0.9	2,192 39 1.0	5,833 95 2.7	16,430 276 7.6	26,222 426 12.1	32,847 552 15.2	37,462 609 17.3	29,895 486 13.8	30,098 506 13.9	216,170 299
<u>City of Vallejo</u>							CACHE	SLOUGH						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal		1,279 21 8.5	648 11 4.3	1,099 18 7.3	1,179 19 7.9	849 15 5.7	1,115 18 7.4	1,341 23 9.0	1,433 23 9.5	1,519 26 10.1	1,563 25 10.4	1,504 24 10.0	1,480 25 9.9	15,009 21
Contra Costa Canal a							OLD R	IVER						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal		7,124 116 9.4	4,663 78 6.2	3,868 63 5.1	3,902 63 5.2	3,616 65 4.8	4,378 71 5.8	4,724 79 6.3	5,974 97 7.9	8,420 142 11.2	10,150 165 13.4	11,078 180 14.7	7,587 128 10.0	75,484 104
Delta-Mendota Canal														
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal	1	25,928 2,048 6.6	27,973 470 1.5	474 8 0	1,452 24 0.1	128,388 2,312 6.7	233,938 3,804 12.2	198,429 3,335 10.3	221,944 3,609 11.6	264,155 4,439 13.8	280,580 4,563 14.6	268,828 4,372 14.0	165,404 2,780 8.6	1,917,493 2,649
California Aqueduct							ITALIAN	SLOUGH						
Total acre-feet Average cubic feet per second Monthly quantities in percent of seasonal		26,008 423 2.9	88,178 1,482 10.0	113,385 1,844 12.9	111,758 1,818 12.7	42,318 762 4.8	50,790 826 5.8	60,219 1,012 6.8	44,791 728 5.1	68,250 1,147 7.7	101,590 1,652 11.5	123,348 2,006 14.0	50,719 852 5.8	881,354 1,217

a Data furnished by U. S. Buteau of Reclamation.
b Data furnished by East Bay Municipal Utility District.
c Data furnished by City of Vallejo.

TABLE B-II DAILY MEAN GAGE HEIGHT

WATER YEAR STATION NO. STATION NAME

1971 A21010 SACRAMENTO RIVER AT KESWICK

•		• • •
	(IN	FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11.73	11.07	19.15	15.81	17.82	10.21	13.90	14.27	15.75	14.92	15.94	15.35	1
2	11.48	11.05	20.86	15.84	17.82	10.17	15.87	14.30	15.34	15.00	15.80	14.80	2
3	11.45	11.05	22.81	15.80	17.80	10.17	15.79	14.31	15.38	14.99	15.54	13.95	3
4	11.42	11.06	23.41	15.63	17.72	10.15	15.81	14.73	15.37	14.96	15.77	13.85	4
5	11.44	11.03	23.97	15.65	16.92	10.16	16.27	15.60	15.32	14.96	15.53	13.89	5
6 7 8 9	11.44 11.43 11.44 11.44	11.01 11.00 11.05 10.83 9.87	23.92 23.97 24.16 24.42 23.68	15.70 15.70 15.67 14.44 13.30	15.94 15.84 15.78 15.77 15.77	10.19 10.18 10.17 9.73 9.31	16.25 15.54 14.92 14.97 15.25	15.96 16.40 16.79 17.02 16.91	15.23 15.24 15.41 15.48 15.41	14.95 14.95 14.96 14.93 14.93	15.27 15.28 15.24 15.25 15.25	13.86 13.87 13.86 13.87 13.88	6 7 8 9
11	11.46	9.56	22.17	13.29	14.51	9.35	16.45	16.89	15.40	14.93	15.25	13.84	11
12	11.47	9.53	20.58	13.30	14.39	9.51	16.66	16.94	15.39	14.92	15.26	13.82	12
13	11.42	10.65	18.86	13.30	13.18	9.38	16.98	17.17	15.38	14.93	15.26	13.92	13
14	11.38	10.81	18.73	13.30	13.10	9.37	16.82	17.41	15.38	14.94	15.26	13.86	14
15	11.04	11.84	18.73	15.19	13.10	9.35	16.82	17.35	15.49	14.95	15.22	13.87	15
16	11.07	14.18	18.70	15.49	13.07	9.3 ⁴	15.57	17.32	15.49	14.93	15.23	13.90	16
17	11.07	15.02	18.66	16.02	13.01	9.37	15.52	17.32	15.55	14.92	15.31	13.85	17
18	11.06	15.61	18.66	20.05	11.86	9.36	15.53	17.23	15.42	14.89	15.32	13.85	18
19	11.07	15.64	18.56	20.89	11.12	9.46	15.58	17.12	15.39	14.87	15.23	13.87	19
20	11.07	15.65	16.52	20.92	11.08	9.71	15.52	17.01	15.33	14.87	15.27	13.92	20
21	11.06	15.63	16.44	20.88	11.09	9.77	14.99	16.53	15.47	14.89	15.27	13.91	21
22	11.06	15.61	16.22	20.90	11.05	9.79	14.99	15.70	15.54	14.90	15.28	13.94	22
23	11.07	15.59	16.37	20.89	11.05	9.80	14.94	15.67	15.58	14.98	15.28	13.90	23
24	11.07	15.66	16.14	20.82	11.05	9.80	14.33	15.75	15.56	14.98	15.28	13.91	24
25	11.04	15.59	15.72	20.87	10.69	10.21	14.34	15.59	15.32	14.98	15.28	13.89	25
26 27 28 29 30 31	11.06 11.08 11.07 11.05 11.06 11.06	15.59 16.02 16.43 16.36 16.45	15.75 15.67 15.82 15.86 15.86 15.84	20.76 18.94 17.83 17.84 17.83 17.81	10.67 10.65 10.62	10.16 9.93 9.86 10.14 13.11 13.42	14.37 14.36 13.91 14.31 14.34	15.65 15.73 15.77 15.64 15.59 15.70	15.19 15.19 15.18 15.23 15.23	14.96 15.02 15.28 15.34 15.67 15.55	15.29 15.28 15.29 15.27 15.33 15.34	13.89 13.90 13.90 13.56 13.32	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E	-	ESTI	MATED
NR	-	NO	RECORD
NF.	_	NO	FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-9-70	1230	24.52									

	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	N OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PEI	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
40 36 05	122 26 35	nw28 32n 5w	186000 78900	47.2 32.20	2/28/40 1/24/70	OCT 38-DATE	OCT 38-DATE	1938 1939 1942	1939 1942	500.01 495.01 479.81	USCGS USCGS USCGS

Station located 0.8 mi. below Keswick Dam, 1.6 mi. below Keswick. Flow regulated by Shasta Lake. Records furnished by USGS. Drainage area, excluding Goose Lake Basin, is approximately 6,468 sq. mi.

TABLE B-II (CONT.) DAILY MEAN GAGE HEIGHT (IN FEET)

WATER YEAR STATION NO. STATION NAME 1971 A02788 SACRAMENTO RIVER ABOVE BEND BRIDGE NEAR RED BLUFF

DAY	ОСТ.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	3.38 3.27 3.17 3.17 3.18	3.05 3.08 3.01 3.20 3.58	13.50 14.66 15.44 22.95 17.88	8.99 8.94 8.52 8.27 8.13	10.20 10.15 10.05 9.97 9.44	3.54 3.40 3.38 3.38 3.35	6.97 8.53 8.55 8.43 8.53	6.36 6.39 6.52 6.95 7.45	7.71 7.32 7.16 7.12 7.05	6.42 6.43 6.42 6.41 6.36	6.67 6.75 6.58 6.69 6.59	6.33 6.07 5.45 5.13 5.13	1 2 3 4 5
6 7 8 9	3.19 3.19 3.21 3.20 3.21	4.40 5.52 3.78 7.92 5.65	16.87 17.54 19.43 18.73 17.03	8.13 7.98 7.93 7.25 6.80	8.66 8.26 8.15 8.07 8.07	3.33 3.32 3.31 3.16 2.90	8.75 8.46 7.59 7.49 8.00	7.83 8.08 8.59 8.88 8.79	6.94 6.89 6.96 7.13 7.14	6.33 6.33 6.33 6.34 6.33	6.38 6.37 6.31 6.30 6.29	5.12 5.05 5.10 5.11 5.11	6 7 8 9 10
11 12 13 14	3.20 3.20 3.16 3.14 2.98	3.56 4.08 3.63 3.67 3.99	15.08 13.69 12.21 11.45 11.37	8.22 7.51 6.87 6.64 7.97	7.36 7.07 6.41 6.05 6.00	2.83 7.79 7.07 4.57 4.73	8.56 8.66 8.95 8.86 8.83	8.66 8.76 8.83 9.05 9.06	6.96 6.97 6.97 6.96 6.93	6.33 6.33 6.31 6.32 6.30	6.28 6.29 6.29 6.30 6.28	5.10 5.08 5.12 5.11 5.08	11 12 13 14 15
16 17 18 19 20	2.91 2.91 2.96 3.00 3.12	5.30 6.60 7.11 7.29 7.31	13.11 13.40 12.55 11.87 10.53	21.17 18.41 16.36 16.00 15.07	5.95 5.85 5.23 4.64 4.30	4.06 3.97 3.67 3.51 3.43	8.05 7.77 7.68 7.63 7.80	8.89 8.83 8.80 8.67 8.47	6.98 6.97 6.90 6.85 6.76	6.30 6.26 6.26 6.27 6.25	6.27 6.33 6.36 6.30 6.32	5.10 5.08 5.07 5.07 5.13	16 17 18 19 20
21 22 23 24 25	3.24 3.25 3.32 3.42 3.24	7.29 7.30 7.33 7.65 10.23	12.93 10.51 9.83 9.50 8.74	14.39 13.90 13.58 13.31 13.18	4.20 4.18 4.16 4.12 3.92	3.41 3.34 4.41 6.40 8.45	7.42 7.15 7.04 6.62 6.45	8.36 7.55 7.34 7.38 7.32	6.82 6.85 6.88 6.95 6.70	6.22 6.22 6.24 6.26 6.25	6.3 ⁴ 6.35 6.33 6.33 6.33	5.12 5.14 5.10 5.12 5.13	21 22 23 24 25
26 27 28 29 30 31	3.15 3.15 3.14 3.11 3.06 3.05	8.97 8.76 19.05 17.20 13.31	8.60 8.57 8.73 12.10 10.05 9.31	12.98 12.16 10.46 10.35 10.28 10.23	3.82 3.77 3.76	16.76 10.07 7.26 6.06 5.85 7.31	6.44 6.40 6.10 6.32 6.40	7.47 7.50 7.82 7.62 7.46 7.51	6.77 7.12 6.81 6.71 6.64	6.23 6.23 6.32 6.44 6.52 6.63	6.34 6.32 6.30 NR NR NR	5.16 5.18 5.20 5.13 5.10	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-4-70	0715	27.58									
ı											

	LOCATION	٧	MA	XIMUM DISCH	ARGE	PERIOD (OF RECORD		DATU	M OF GAGE	
1.47171105	LONGITUDE	1/4 SEC. T. & R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
40 17 19	122 11 08	SE10 28N 3W	157000	36.60	1/24/70	1967-DATE	1967-DATE			0.00	LOCAL

Station located 2.7 mi. upstream from Bend Bridge, 8.1 mi. NE of Red Bluff. Records furnished by USGS. Drainage area is 8,900 sq. mi.

WATER YEAR STATION NO. STATION NAME

1971 A02700 SACRAMENTO RIVER AT VINA BRIDGE

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	67.25	67.14	75.74	71.59	72.41	67.61 E	70.61	69.57	70.35	69.31	69.25	69.06	1
2	67.22	67.18	76.23	71.76	72.38	67.49 E	71.02	69.58	70.25	69.23	69.38	68.89	2
3	67.13	67.13	76.57	71.29	72.28	67.45 E	71.42	69.64	70.00	69.21	69.29	68.56	3
4	67.11	67.24	83.84	71.03	72.16	67.45 E	71.29	69.86	69.92	69.17	69.16	68.21	4
5	67.11	67.59	80.30	70.95	71.92	67.43 E	71.22	70.19	69.89	69.12	69.25	68.18	5
6 7 8 9	67.11 67.12 67.12 67.15 67.13	68.30 69.17 67.94 68.95 71.28	78.34 77.91 80.50 81.15 78.42	70.92 70.74 70.64 70.48 69.97	71.44 71.02 70.91 70.83 70.82	67.38 67.38 67.29 67.28 67.06	71.45 71.38 70.84 70.59 70.92	70.46 70.64 71.00 71.21 71.24	69.84 69.79 69.78 69.89 69.87	69.11 69.06 69.05 69.03 69.04	69.09 69.04 69.01 68.99 68.97	68.20 68.14 68.16 68.16 68.18	6 7 8 9
11	67.14	68.33	76.80	71.05	70.72	66.95	71.09	71.15	69.82	69.04	68.96	68.17	11
12	67.14	68.56	75.58	70.79	70.39	68.44	71.26	71.21	69.82	69.02	68.97	68.16	12
13	67.11	67.97	74.32	70.19	70.24	72.68	71.36	71.27	69.77	69.00	68.97	68.16	13
14	67.07	67.83	73.47	70.05	69.83	69.21	71.39	71.39	69.73	68.98	68.98	68.15	14
15	67.05	67.82	73.16	70.16	69.68	68.96	71.34	71.43	69.68	68.97	68.97	68.12	15
16	66.95	68.21	74.73	80.07	69.62	68.47	71.10	71.28	69.70	68.97	68.94	68.13	16
17	66.96	69.37	75.46	83.36	69.52	68.31	70.66	71.22	69.67	68.95	68.94	68.11	17
18	66.99	69.66	74.69	78.71	69.28	68.04	70.59	71.17	69.66	68.95	68.99	68.09	18
19	67.03	69.92	74.20	78.09	68.80	67.81	70.47	71.05	69.60	68.94	68.97	68.14	19
20	67.17	69.92	73.17	77.00	68.48	67.70	70.56	70.89	69.56	68.90	68.97	68.15	20
21	67.29	69.91	75.73	76.12	68.33	67.64	70.45	70.93	69.56	68.88	68.99	68.16	21
22	67.30	69.92	73.67	75.51	68.26	67.61	70.17	70.45	69.57	68.88	69.01	68.16	22
23	67.34	69.96	72.45	75.11	67.92	68.25	70.04	70.17	69.58	68.87	69.10	68.17	23
24	67.48	70.02	72.11	74.82	67.93	70.53	69.86	70.21	69.56	68.92	69.00	68.15	24
25	67.32	71.57	71.52	74.62	68.01	70.44	69.61	70.23	69.49	68.91	69.00	68.17	25
26 27 28 29 30 31	67.22 67.19 67.18 67.17 67.18 67.16	71.89 70.91 79.96 82.71 77.40	71.32 71.26 71.23 73.43 72.69 71.93	74.42 74.14 72.76 72.51 72.45 72.43	67.86 67.81 E 67.80 E	78.68 75.21 72.03 70.79 70.50 70.94	69.60 69.56 69.50 69.38 69.57	70.26 70.36 70.53 70.48 70.31 70.29	69.59 69.90 69.69 69.51 69.43	68.88 68.89 68.93 69.06 69.09 69.28	68.94 68.89 68.95 69.02 69.00 69.03	68.20 68.20 68.22 68.18 68.27	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-4-70	1730	86.03									

	LOCATION	4	MA	XIMUM DISCHA	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD	1	DISCHARGE	GAGE HEIGHT	PER	10D	ZERO	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 54 34	122 05 31	NE28 24N 2W	171000	91.48	1/24/70	APR 45-DATE	APR 45-DATE	1945 1945		100.00	USED

Station located 250 ft. above Vina-Corning Highway Bridge, 2.6 mi. SW of Vina. The maximum discharge of record is for the main river channel and does not include water by-passing the station on the left bank. Flow regulated by Shasta Lake since December 30, 1943. Approximately 190,000 acre-feet diverted from the river between Keswick and Vina in addition to diversions from the tributaries. Translasin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 10,930 sq. mi.

WATER YEAR STATION NO. STATION NAME

1971 A02630 SACRAMENTO RIVER AT HAMILION CITY

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	28.49	28.46	36.13	32.78	33.46	29.18 E	31.80	30.24	31.06	30.03	29.84	29.93	1
2	28.49	28.49	36.14	32.91	33.44	29.14 E	31.95	30.25	31.13	29.90	30.00	29.87	2
3	28.39	28.47	36.58	32.55	33.36	29.10 E	32.43	30.32	30.87	29.89	29.93	29.58	3
4	28.38	28.54	42.02	32.28	33.27	29.06 E	32.32	30.52	30.80	29.85	29.77	29.22	4
5	28.40	28.76	41.78	32.18	33.10	29.02 E	32.21	30.85	30.74	29.80	29.88	29.18	5
6 7 8 9	28.42 28.40 28.43 28.44 28.43	29.41 30.16 29.43 29.52 32.64	38.67 37.97 39.93 41.29 38.83	32.16 32.00 31.92 31.80 31.37	32.68 32.26 32.15 32.06 32.03	28.99 28.99 28.94 28.92 28.78	32.26 32.25 31.91 31.53 31.66	31.18 31.31 31.63 31.84 31.96	30.70 30.60 30.55 30.63 30.62	29.78 29.74 29.72 29.72 29.71	29.74 29.65 29.66 29.65 29.64	29.20 29.14 29.17 29.18 29.22	6 7 8 9
11	28.44	29.83	37.36	32.12	31.89	28.66	31.84	31.86	30.60	29.70	29.62	29.25	11
12	28.45	29.85	36.26	32.05	31.67	29.15	31.97	31.90	30.55	29.70	29.61	29.23	12
13	28.42	29.46	35.19	31.58	31.44	33.92	31.95	31.92	30.53	29.68	29.62	29.25	13
14	28.37	29.23	34.39	31.39	31.15	30.89	31.97	32.02	30.47	29.66	29.64	29.28	14
15	28.38	29.15	34.07	31.39	31.03	30.43	31.87	32.06	30.43	29.64	29.63	29.27	15
16	28.30	29.43	35.21	38.23	30.96	30.05	31.74	31.94	30.45	29.65	29.62	29.28	16
17	28.26	30.42	35.91	44.16	30.86	29.86	31.24	31.88	30.39	29.63	29.62	29.29	17
18	28.30	30.77	35.41	39.47	30.59	29.65	31.15	31.78	30.38	29.63	29.65	29.27	18
19	28.33	31.04	35.13	38.45	30.04	29.42	31.03	31.65	30.32	29.61	29.67	29.31	19
20	28.43	31.08	34.25	37.55	29.80	29.24	31.11	31.53	30.26	29.56	29.65	29.35	20
21	28.55	31.08	36.20	36.73	29.74	29.15	31.10	31.53	30.27	29.53	29.69	29.38	21
22	28.58	31.08	34.96	36.15	29.28	29.10	30.80	31.19	30.27	29.51	29.70	29.41	22
23	28.61	31.12	33.63	35.79	29.63	29.39	30.68	30.82	30.24	29.50	29.79	29.42	23
24	28.71	31.15	33.24	35.54	29.40	31.46	30.56	30.80	30.25	29.52	29.77	29.42	24
25	28.66	32.25	32.78	35.34	29.35	31.31	30.29	30.85	30.17	29.52	29.74	29.45	25
26 27 28 29 30 31	28.55 28.51 28.51 28.50 28.49 28.50	32.86 32.02 38.11 42.91 38.89	32.51 32.46 32.43 33.96 33.90 33.11	35.18 34.97 33.93 33.56 33.49 33.47	29.33 29.26 E 29.22 E	37.95 36.79 33.33 32.09 31.63 32.07	30.27 30.23 30.18 30.02 30.20	30.85 30.98 31.13 31.17 31.03 30.99	30.17 30.50 30.40 30.18 30.11	29.51 29.50 29.55 29.67 29.70 29.87	29.74 29.72 29.78 29.86 29.90 29.93	29.48 29.52 29.52 29.54 29.59	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-17-71	1300	45.05									

	LOCATION	1	жаж	IMUM DISCH	ARGE	PERIOD	OF RECORD		DATU	M OF GAGE	
LATITUDE	LATITUDE LONGITUDE	1/4 SEC. T. & R.		OF RECORE		DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
LATTIONE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 45 07	121 59 43	NE20 22N 1W	350000 E	22.6 50.77	2/28/40 1/24/70	APR 45-DATE	27-DATE	1927 1945 1945	1945	127.9 100.0 96.5	USED USED USCGS

Station located at Gianella Bridge, State Highway 32, 1.0 mi. NE of Hamilton City. The maximum discharges of record since February 1940, are for the main river channel and do not include water by-passing the station on the left bank. Flow regulated by Shasta Lake since December 30, 1943. Approximately 950,000 acre-feet diverted from the river between Keswick and Hamilton City in addition to diversions from the tributaries. Transbosin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 11,060 sq. mi.

WATER YEAR STATION NO. STATION NAME

1971 A02570 SACRAMENTO RIVER AT ORD FERRY

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	46.70 46.71 46.60 46.58 46.58	46.68 46.68 46.68 46.72 46.95	55.92 55.49 56.23 60.13 62.84	52.23 52.35 52.04 51.73 51.43	52.69 52.61 52.47 52.36 52.22	48.01 47.83 47.80 47.75 47.73	51.46 51.45 52.01 51.77 51.13	48.76 48.74 48.77 48.94 49.25	49.67 49.82 49.53 49.44 49.39	48.56 48.42 48.41 48.37 48.33	48.19 48.33 48.28 48.15 48.23	48.32 48.30 48.07 47.74 47.66	1 2 3 4 5
6 7 8 9	46.62 46.60 46.61 46.64 46.63	47.54 48.13 47.90 47.46 51.25	58.61 57.47 58.91 60.88 58.86	51.31 51.09 50.99 50.88 50.47	51.82 51.37 51.21 51.10 51.03	47.68 47.67 47.62 47.58 47.46	51.05 51.05 50.79 50.34 50.33	49.69 49.93 50.20 50.49 50.63	49.32 49.23 49.17 49.22 49.23	48.17 48.09 48.09 48.09 48.09	48.10 48.05 48.06 48.02 48.03	47.66 47.61 47.61 47.63 47.65	6 7 8 9
11 12 13 14 15	46.64 46.65 46.63 46.58 46.59	48.55 48.20 48.00 47.64 47.50	57.18 56.19 55.20 54.31 53.94	50.97 51.11 50.73 50.42 50.41	51.07 50.68 50.62 50.24 50.06	47.31 47.54 52.63 50.09 49.70	50.60 50.77 50.69 50.75 50.64	50.56 50.55 50.59 50.69 50.74	49.22 49.18 49.13 49.08 49.03	48.09 48.10 48.09 48.06 48.05	48.01 48.00 48.02 48.02 48.03	47.69 47.67 47.68 47.71 47.70	11 12 13 14 15
16 17 18 19 20	46.49 46.43 46.47 46.50 46.58	47.72 48.54 49.10 49.42 49.51	54.83 55.73 55.43 55.18 53.91	55.79 63.70 60.84 58.84 57.99	49.97 49.88 49.77 49.37 49.03	49.80 48.88 48.43 48.10 47.92	50.57 50.02 49.90 49.76 49.78	50.65 50.58 50.48 50.34 50.24	49.02 48.98 48.97 48.91 48.84	48.06 48.03 48.06 48.03 47.99	48.02 48.02 48.04 48.06 48.05	47.72 47.72 47.70 47.73 47.76	16 17 18 19 20
21 22 23 24 25	46.73 46.79 46.82 46.90 46.92	49.51 49.53 49.57 49.61 50.48	55.63 55.04 53.10 52.55 52.10	57.09 56.43 55.89 55.59 55.34	48.82 48.70 48.59 48.16 48.37	47.81 47.74 47.88 49.86 50.00	49.83 49.51 49.38 49.28 49.00	50.18 49.94 49.49 49.43 49.47	48.84 48.84 48.81 48.82 48.76	47.96 47.93 47.94 47.94	48.08 48.09 48.14 48.16 48.11	47.79 47.82 47.84 47.83 47.85	21 22 23 24 25
26 27 28 29 30 31	46.78 46.73 46.72 46.72 46.70 46.69	51.59 50.75 55.64 62.33 60.29	51.73 51.66 51.58 52.66 53.37 52.45	55.10 54.80 53.61 52.98 52.80 52.72	48.19 48.12 48.10	56.06 57.29 52.85 51.27 50.59 51.58	48.94 48.88 48.80 48.62 48.73	49.46 49.58 49.72 49.83 49.69 49.63	48.71 49.03 48.97 48.71 48.62	47.93 47.89 47.93 48.03 48.07 48.20	48.13 48.10 48.15 48.22 48.27 48.30	47.87 47.93 47.92 47.95 47.99	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-17-71	1815	64.59									

	LOCATION	1	МА	XIMUM DISCHA	ARGE	PERIOD	OF RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
EXIIIODE	LONGITUDE	M.D.B.&M.	CFS GAGE HT. DATE		DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 37 39	121 59 28	SE32 21N 1W	138000	69.8	1/24/70	JAN 48-DATE	21-MAY 27 # FEB 37-MAY 37 OCT 37-MAY 39 NOV 39-MAY 41 # NOV 41-DATE	1960	1960	0.00	USED

Station located 0.1 mi. below Ord Ferry. Records of flows in excess of 70,000 cubic feet per second are not reliable due to an undetermined amount of water by-passing the station via Butte Basin. Flow regulated by Shasta Lake since December 30, 1943. Approximately 980,000 acrefeet diverted from the river between Keswick and Ord Ferry in addition to diversions from the tributaries. Transbasin diversions from the Trinity River to Whiskeytown Reservoir via Judge Francis Carr Powerplant began in April 1963. Drainage area, excluding Goose Lake Basin, is approximately 12,480 sq. mi.

- Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A02500 SACRAMENTO RIVER AT BUTTE CITY

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	71.41	71.41	83.79	77.53	78.04	72.76	76.65	73.33	74.19	73.05	72.64	72.74	1
2	71.42	71.40	81.54	77.57	77.96	72.52	76.45	73.35	74.42	72.90	72.80	72.76	2
3	71.36	71.40	82.56	77.41	77.83	72.46	77.06	73.42	74.11	72.85	72.79	72.63	3
4	71.30	71.42	84.97	77.02	77.68	72.41	76.99	73.56	73.99	72.84	72.64	72.22	4
5	71.28	71.63	90.43	76.67	77.55	72.38	76.32	73.90	73.93	72.80	72.68	72.01	5
6 7 8 9	71.31 71.33 71.32 71.35 71.36	72.17 72.87 73.22 72.28 75.52	87.73 85.09 85.49 88.16 87.61	76.52 76.27 76.11 75.97 75.59	77.17 76.67 76.39 76.24 76.13	72.34 72.31 72.30 72.22 72.14	76.04 76.06 75.89 75.32 75.15	74.31 74.51 74.75 75.15 75.34	73.84 73.76 73.65 73.68 73.70	72.72 72.67 72.63 72.58 72.56	72.55 72.48 72.46 72.43 72.44	71.97 71.95 71.90 71.91 71.94	6 7 8 9 10
11	71.32	74.11	84.88	75.71	76.16	71.96	75.47	75.33	73.72	72.55	72.42	71.99	11
12	71.32	72.93	83.05	76.36	75.78	71.96	75.67	75.27	73.66	72.54	72.39	72.01	12
13	71.34	73.86	81.68	75.95	75.66	76.65	75.55	75.34	73.59	72.52	72.38	71.99	13
14	71.29	72.38	80.39	75.43	75.26	75.54	75.62	75.41	73.56	72.50	72.39	72.02	14
15	71.24	72.26	79.75	75.35	75.01	74.55	75.50	75.48	73.50	72.47	72.39	72.05	15
16	71.22	72.36	80.22	78.73	74.87	74.82	75.43	75.40	73.47	72.45	72.40	72.06	16
17	71.10	72.98	81.47	89.21	74.75	73.88	74.91	75.30	73.44	72.46	72.38	72.07	17
18	71.12	73.86	81.68	89.90	74.61	73.32	74.69	75.20	73.43	72.45	72.42	72.07	18
19	71.18	74.24	81.25	87.03	74.20	72.89	74.51	75.05	73.34	72.46	72.45	72.06	19
20	71.23	74.41	79.91	85.80	73.79	72.74	74.44	74.97	73.30	72.42	72.45	72.09	20
21	71.39	74.44	80.67	84.37	73.51	72.58	74.54	74.81	73.27	72.39	72.46	72.12	21
22	71.53	74.48	81.76	83.24	73.37	72.47	74.24	74.70	73.28	72.35	72.48	72.15	22
23	71.55	74.50	78.97	82.40	73.27	72.39	74.05	74.13	73.25	72.33	72.52	72.19	23
24	71.63	74.58	78.13	81.84	72.83	74.05	73.91	74.00	73.25	72.30	72.57	72.21	24
25	71.72	74.96	77.62	81.44	73.11	74.98	73.61	73.99	73.25	72.31	72.56	72.22	25
26 27 28 29 30 31	71.55 71.48 71.45 71.45 71.44 71.41	76.54 75.99 78.78 87.73 89.27	77.08 76.92 76.78 77.36 78.98 77.84	81.10 80.74 79.60 78.49 78.26 78.11	72.91 72.84 72.82	79.07 84.62 79.31 76.77 75.74 76.50	73.47 73.41 73.31 73.12 73.24	73.98 74.10 74.20 74.41 74.27 74.18	73.11 73.41 73.50 73.23 73.11	72.29 72.28 72.31 72.40 72.49 72.61	72.57 72.55 72.54 72.58 72.65 72.70	72.25 72.28 72.34 72.34 72.37	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-18-71	0400	91.10									

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	ITUDE LONGITUDE 1/4 SEC. T. & F			OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 27 35	121 59 35	NE32 19N 1W	170000 152000	96.87 95.92	2/ 7/42 1/25/70	JUL 19-007 38 8 JAN 39-DATE	JUL 19-0CT 28 8 APR 29-DATE	1921		0.00	USED

Station located at highway bridge, 0.5 mi. S of Butte City. Maximum discharge of record listed is for period 1940 to date. Records furnished by USGS.

8 - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

(IN FEET)

1971 A02445 SACRAMENTO RIVER AT MOULTON WEIR

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2			77.33 A										1 2
3 4 5			76.94 A 78.82			:							3 4 5
6 7			78.16 76.90 A										6 7
8 9 10			77.50 A 77.83 76.90 A										8 9 10
11 12 13 14 15			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										11 12 13 14 15
16 17 18 19 20			78.15 A 79.32 77.54 76.89 A										16 17 18 19
21 22 23 24 25									·				21 22 23 24 25
26 27 28 29 30 31		77.51 A 78.54											26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-30-70	1245	78.81	12-10-70	0345	78.22						
12- 5-70	1930	79.60	1-18-71	0800	79.77						

	LOCATION	١	M.A	XIMUM DISCH	ARGE	PERIOD (OF RECORD		DATU	M OF GAGE	
LATITUDE LONGITUDE	1/4 SEC. T. & R.		OF RECORE)	DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 20 18	122 01 18	SE12 17N 2W		83.8	2/7/42	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of south end of weir, 4.6 mi. S of Princeton. Gage heights below weir crest (elevation 76.75 ft.) are not tabulated.

A - Mean gage height for period of flow. # - Flood season only.

WATER YEAR STATION NO. STATION NAME 1971 A02450 SACRAMENTO RIVER OPPOSITE MOULTON WEIR

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	57.52	57.49	75.16	66.43	67.20	59.42	65.25	60.28	61.50	59.84	59.30	59.54	1
2	57.54	57.47	71.84	66.30	67.08	59.11	64.91	60.30	61.81	59.64	59.47	59.51	2
3	57.49	57.48	72.69	66.23	66.88	59.01	65.75	60.40	61.46	59.56	59.50	59.27	3
4	57.39	57.51	74.09	65.55	66.64	58.95	65.87	60.59	61.25	59.52	59.32	58.79	4
5	57.36	57.72	79.12	64.99	66.44	58.90	64.96	61.02	61.15	59.46	59.31	58.50	5
6 7 8 9	57.41 57.41 57.43 57.45	58.35 59.20 59.93 58.65 62.20	78.24 75.85 75.37 77.46 77.89	64.67 64.33 64.06 63.88 63.41	65.90 65.13 64.60 64.37 64.20	58.84 58.80 58.77 58.66 58.57	64.38 64.41 64.23 63.39 63.04	61.56 61.89 62.22 62.81 63.12	61.04 60.93 60.77 60.77 60.80	59.36 59.33 59.23 59.20 59.19	59.19 59.06 59.04 59.00 59.01	58.46 58.43 58.37 58.40 58.44	6 7 8 9
11	57.43	61.77	75.77	63.31	64.22	58.32	63.47	63.15	60.81	59.19	58.99	58.52	11
12	57.41	59.65	73.71	64.43	63.80	58.30	63.74	63.05	60.72	59.18	58.95	58.51	12
13	57.43	59.79	72.16	63.91	63.52	63.72	63.65	63.16	60.66	59.15	58.97	58.50	13
14	57.37	58.94	70.60	63.13	63.06	64.23	63.73	63.24	60.61	59.10	58.98	58.55	14
15	57.30	58.75	69.67	62.97	62.64	62.00	63.59	63.37	60.52	59.07	58.99	58.55	15
16	57.28	58.84	69.82	66.26	62.42	62.30	63.45	63.33	60.48	59.06	58.98	58.59	16
17	57.14	59.60	71.49	77.02	62.26	61.24	62.75	63.16	60.42	59.06	58.96	58.59	17
18	57.16	60.75	72.14	79.62	62.07	60.37	62.32	63.00	60.40	59.04	59.01	58.55	18
19	57.22	61.24	71.54	77.49	61.58	59.72	62.06	62.78	60.29	59.04	59.04	58.58	19
20	57.29	61.54	70.17	76.38	60.98	59.36	61.92	62.63	60.21	58.97	59.02	58.66	20
21	57.47	61.57	70.18	75.08	60.57	59.10	62.04	62.41	60.15	58.92	59.07	58.75	21
22	57.64	61.61	72.36	73.86	60.36	58.98	61.66	62.30	60.17	58.87	59.11	58.79	22
23	57.66	61.65	69.03	72.90	60.22	58.94	61.35	61.52	60.12	58.83	59.19	58.84	23
24	57.74	61.75	67.31	72.23	59.60	60.77	61.16	61.25	60.12	58.84	59.25	58.82	24
25	57.86	62.11	66.43	71.79	59.94	62.57	60.79	61.21	60.08	58.87	59.17	58.86	25
26 27 28 29 30 31	57.66 57.57 57.54 57.53 57.49	64.42 64.14 66.23 76.06 78.78	65.54 65.24 65.05 65.49 68.51 67.19	71.43 71.03 69.94 68.18 67.63 67.31	59.71 59.54 59.48	66.56 74.68 70.26 66.17 64.16 64.68	60.55 60.45 60.31 60.04 60.15	61.21 61.36 61.49 61.80 61.65 61.51	59.94 60.28 60.48 60.14 59.94	58.88 58.80 58.85 58.94 59.06 59.21	59.21 59.16 59.18 59.32 59.42 59.50	58.90 58.97 58.97 58.98 59.04	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-18-71	0645	80.20									

	LOCATION	4	, M.	AXIMUM DISCH	ARGE	PERIOD	OF RECORD		DATU	M OF GAGE	:
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 20 13	122 01 50	SW12 17N 2W		85.5 83.0	2/ 7/42 12/24/64	MAR 54-DATE 8	OCT 22-MAY 40 # JUL 40-JUL 41 NOV 41-JUL 43 # OCT 43-DATE			0.00	USED

Station located immediately W of weir, $4.8\ \mathrm{mi.\ S}$ of Princeton.

ö - Irrigation season only.# - Flood season only.

WATER YEAR STATION NO. STATION NAME A02430 1971 SACRAMENTO RIVER AT COLUSA WEIR

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5			64.83 63.22 63.46 63.92 66.16										1 2 3 4 5
6 7 8 9			66.05 64.86 64.51 65.38 65.73										6 7 8 9
11 12 13 14			64.84 63.94 63.32 62.68 62.23										11 12 13 14
16 17 18 19 20			62.18 62.94 63.26 63.01 62.51	62.10 A 64.82 66.38 65.44 64.89									16 17 18 19 20
21 22 23 24 25			62.25 63.37 62.29 A	64.37 63.88 63.52 63.25 63.07									21 22 23 24 25
26 27 28 29 30 31		64.71 66.31		62.94 62.78 62.44 61.84 A		62.20 A 63.96 62.85 A							26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12- 5-70	2200	66.71	3-27-71	1630	64.34						
1-18-71	1030	66.58									
									L		

	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 14 12	121 59 38	SE17 16N 1W		70.6	3/1/40	jan 40-date #	JAN 35-DATE #	1935		0.00	USED

Station located at north end of weir, 2.0 mi. N of Colusa. Gage heights below weir crest (elevation 61.80 ft.) are not tabulated.

A - Mean gage height for period of flow. # - Flood season only.

WATER YEAR STATION NO. STATION NAME

(IN FEET)

N GAGE HEIGHT 1971 A02420 SACRAMENTO RIVER AT COLUSA

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	42.65	42.54	63.30	56.70	57.49	45.84	54.78	47.03	49.30	46.65	45.81	46.35	1
2	42.67	42.51	61.70	56.29	57.36	45.47	54.48	47.13	49.60	46.40	45.89	46.37	2
3	42.66	42.53	61.40	56.35	57.12	45.24	55.10	47.25	49.45	46.20	46.10	46.13	3
4	42.50	42.56	62.20	55.48	56.80	45.13	55.77	47.48	49.03	46.15	45.91	45.53	4
5	42.43	42.75	64.40	54.62	56.83	45.06	54.92	48.08	48.85	46.06	45.72	44.88	5
6 7 8 9	42.45 42.47 42.44 42.47 42.51	43.44 44.77 46.27 44.79 47.36	64.50 63.20 62.80 63.60 64.10	53.95 53.44 52.93 52.61 52.10	55.97 54.94 53.93 53.44 53.13	44.98 44.90 44.86 44.70 44.60	53.65 53.46 53.31 52.23 51.37	48.88 49.52 49.96 50.78 51.35	48.69 48.54 48.27 48.13 48.17	45.92 45.85 45.71 45.62 45.59	45.78 45.49 45.41 45.38 45.33	44.74 44.72 44.59 44.60 44.64	6 7 8 9
11	42.50	50.53	63.27	51.41	53.04	44.26	51.69	51.57	48.14	45.59	45.36	44.77	11
12	42.47	46.57	62.33	53.10	52.73	44.11	52.06	51.46	48.00	45.58	45.31	44.83	12
13	42.49	46.23	61.70	52.87	52.10	49.00	52.18	51.59	47.92	45.55	45.33	44.79	13
14	42.44	45.20	60.97	51.77	51.60	54.33	52.21	51.69	47.85	45.49	45.34	44.82	14
15	42.27	44.71	60.38	51.24	50.83	50.58	52.10	51.88	47.72	45.40	45.37	44.85	15
16	42.27	44.64	60.28	53.38	50.40	50.13	51.85	51.98	47.63	45.37	45.37	44.88	16
17	42.09	45.37	61.24	63.02	50.14	49.25	51.18	51.76	47.58	45.39	45.32	44.92	17
18	42.07	47.24	61.63	65.06	49.86	47.68	50.25	51.53	47.47	45.36	45.35	44.85	18
19	42.12	48.13	61.38	64.04	49.32	46.63	49.83	51.20	47.38	45.37	45.44	44.83	19
20	42.21	48.75	60.80	63.35	48.38	45.94	49.47	50.91	47.25	45.27	45.44	44.96	20
21	42.43	48.91	60.37	62.80	47.65	45.48	49.56	50.65	47.13	45.17	45.47	45.06	21
22	42.71	49.01	61.77	62.29	47.29	45.23	49.29	50.55	47.13	45.10	45.55	45.16	22
23	42.78	49.09	60.20	61.91	47.08	45.13	48.74	49.64	47.07	45.02	45.66	45.23	23
24	42.89	49.22	58.15	61.62	46.39	46.69	48.42	48.96	47.05	45.01	45.79	45.25	24
25	43.12	49.40	56.83	61.44	46.48	50.32	47.99	48.81	47.00	45.08	45.73	45.26	25
26 27 28 29 30 31	42.95 42.72 42.66 42.64 42.61 42.57	52.30 53.30 53.70 62.50 64.50	55.57 54.85 54.47 54.46 58.40 57.95	61.29 61.10 60.65 59.15 58.20 57.70	46.37 46.06 45.92	53.22 62.20 61.06 57.42 54.24 53.55	47.49 47.33 47.14 46.82 46.73	48.82 48.91 49.13 49.53 49.57 49.34	46.82 47.09 47.61 47.25 46.81	45.11 45.02 45.05 45.12 45.33 45.48	45.73 45.72 45.73 45.94 46.10 46.24	45.35 45.44 45.49 45.47 45.50	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-18-71	1100	65.31									

	LOCATIO	1	МА	XIMUM DISCHA	RGE	PERIOD OF	RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 12 50	121 59 55	nw29 16n 1w	49000 43900	69.20 67.07	2/8/42 1/7/65	APR 20-0CT 38 8	APR 19-DATE	1921 1921		0.00	USED USCGS

Station located just below highway bridge at Colusa. Maximum discharge of record listed is for period 1938 to date. Records furnished by USGS. Drainage area 12,096.

ö - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A02984 CHEROKEE CANAL NEAR RICHVALE

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1.86	2.61	5.70	3.94	3.29	2.61	3.27	4.17	4.07	3.94	4.09	3.98	1
2	1.84	2.58	6.33	5.23	3.28	2.59	3.22	4.19	4.18	4.09	4.02	3.84	2
3	1.87	2.57	5.74	4.04	3.25	2.57	3.19	4.19	4.21	4.07	3.80	3.86	3
4	1.83	2.66	8.28	3.76	3.23	2.57	3.15	4.04	4.15	4.08	4.01	3.88	4
5	1.85	2.78	6.64	3.64	3.22	2.56	3.13	4.04	4.05	4.08	4.07	3.84	5
6 7 8 9	1.84 1.81 1.78 1.77	3.51 3.76 3.13 3.01 3.21	5.40 4.67 5.13 4.89 4.16	3.57 3.51 3.47 3.44 3.42	3.21 3.20 3.18 2.90 2.74	2.67 2.51 2.73 2.75 2.62	3.11 3.12 3.12 3.09 3.05	3.82 3.87 4.17 4.19 4.14	3.95 4.04 4.07 4.04 4.15	4.09 3.97 3.99 4.06 3.96	4.04 4.03 4.00 4.01 4.02	3.78 3.72 3.75 3.79 3.69	6 7 8 9
11	1.75	3.14	3.89	3.58	2.74	2.61	3.01	3.88	4.09	3.86	4.10	3.62	11
12	1.92	3.55	3.74	3.64	2.80	2.92	2.99	3.76	4.02	3.98	3.99	3.52	12
13	2.06	3.25	3.66	4.13	3.06	3.50	2.99	4.02	3.93	4.18	3.76	3.46	13
14	2.04	3.09	3.67	3.95	3.10	3.06	3.12	3.98	4.00	4.17	3.83	3.44	14
15	2.04	3.03	3.56	3.72	3.10	3.17	3.29	3.97	3.96	4.12	3.95	3.18	15
16	2.03	3.00	3.99	5.60	3.14	3.03	3.58	4.06	4.08	4.01	3.99	2.97	16
17	2.04	2.98	3.84	5.95	3.25	3.05	3.49	3.99	3.81	3.80	3.97	3.11	17
18	2.05	2.96	3.84	4.60	3.14	3.06	3.42	4.05	3.52	3.70	4.03	3.11	18
19	1.97	2.95	3.98	4.17	3.01	2.93	3.43	4.19	3.52	3.72	4.05	3.13	19
20	1.99	2.95	3.67	3.97	2.73	2.90	3.44	4.21	3.62	3.89	4.02	3.00	20
21	2.10	2.95	7.34	3.77	2.90	2.83	3.42	4.24	3.83	3.96	4.09	2.74	21
22	2.10	2.95	5.68	3.65	3.02	2.80	3.36	4.17	4.07	3.93	4.14	2.67	22
23	2.51	2.95	4.53	3.55	2.86	3.46	3.48	4.08	4.03	3.96	4.08	2.58	23
24	2.65	2.95	4.11	3.47	2.71	4.33	4.18	4.05	3.97	3.99	4.03	2.48	24
25	2.79	2.97	3.86	3.42	2.69	4.99	4.40	4.03	3.99	4.00	3.83	2.24	25
26 27 28 29 30 31	2.70 2.68 2.70 2.71 2.74 2.73	2.99 3.00 6.68 9.17 6.57	3.80 4.02 4.10 5.82 4.61 4.11	3.38 3.36 3.34 3.33 3.31 3.30	2.67 2.68 2.65	6.63 4.54 3.85 3.59 3.45 3.34	4.38 4.15 4.31 4.34 4.30	4.10 4.13 4.16 4.15 4.09 4.07	4.08 4.10 4.13 4.07 3.97	4.00 4.03 4.07 3.96 3.70 4.00	3.60 4.01 4.18 4.20 4.12 4.07	2.20 2.16 2.30 2.27 2.31	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-29-70	1515	9.91									

	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR)	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITORE	EUNOTTUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 27 53	121 44 37	NW34 19N 2E	15200 E	13.80	10/13/62	JUL 60-DATE	JUL 60-DATE	1960		88.20	USCGS

Station located at Butte City Road Bridge, 2.1 mi. S of Richvale. Backwater from Cherokee Dam weir, 1.05 mi. below station, at times affects the stage-discharge relationship. Weir has 13 bays and is operated by the Richvale Irrigation District.

(IN FEET)

	WATER YEAR	STATION NO.	STATION NAME
T	1971	W0530J	SACRAMENTO RIVER AT TISDALE WEIR

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5			48.40 48.02 48.03 48.12 48.66	46.32 46.06 46.07 45.72 A	46.66 46.58 46.48 46.36 46.24		45.58 A 45.89 45.75 A						1 2 3 4 5
6 7 8 9			49.05 48.74 48.46 48.48 48.68		46.00 45.61 A								6 7 8 9 10
11 12 13 14 15			48.52 48.25 48.08 47.90 47.76										11 12 13 14 15
16 17 18 19 20			47.67 47.86 47.98 47.94 47.87	47.62 A 48.61 48.54 48.28									16 17 18 19 20
21 22 23 24 25			47.67 48.00 47.73 47.11 46.59	48.16 48.04 47.94 47.87 47.82									21 22 23 24 25
26 27 28			46.02 45.53 A	47.77 47.71 47.62		47.52 47.79 46.97							26 27 28
29 30 31		47.55 A 48.47	46.66 A 46.80	47.29 46.98 46.78		46.97 45.98 A							29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12- 6-70	0615	49.13	1-18-71	2000	48.76	4-4-71	1430	45.97			
12-30-70	2115	47.07	3-27-71	2300	47.98						

	LOCATION	1	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	100	ZERO	REF.
	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 01 36	121 49 16	NE35 14N 1E		53.3	3/1/40	JAN 40-DATE #	JAN 35-DATE #	1935		0.00	USED

Station located west of north end of weir, 5.0 mi. SE of Grimes. Gage heights below weir crest (elevation 45.45 ft.) are not tabulated.

A - Mea. gage height for pertial day of flow. # - Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A02280 SACRAMENTO RIVER BELOW WILKINS SLOUGH

(IN FEET)

DAY	ОСТ.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	30.38	30.33	47.94	45.77	46.18	33.96	44.56	33.85	37.58	33.81	32.71	33.93	1
2	30.39	30.29	47.50	45.50	46.00	33.70	44.52	34.22	37.70	33.74	32.78	34.03	2
3	30.41	30.27	47.54	45.52	45.82	33.30	44.52	34.43	37.84	33.41	33.10	33.97	3
4	30.26	30.33	47.64	45.13	45.73	33.15	45.22	34.76	37.37	33.22	33.03	33.51	4
5	30.14	30.43	48.33	44.38	45.55	33.06	44.78	35.40	37.06	33.11	32.71	32.76	5
6 7 8 9	30.11 30.12 30.10 30.10 30.15	30.99 32.27 33.86 33.84 33.53	48.82 48.44 48.11 48.14 48.37	43.57 43.00 42.41 41.99 41.59	45.36 44.73 43.55 42.82 42.27	32.98 32.87 32.81 32.61 32.44	43.44 42.87 42.70 41.96 40.80	36.39 37.31 37.85 38.68 39.45	36.84 36.60 36.24 35.95 35.84	32.93 32.81 32.63 32.50 32.49	32.84 32.56 32.39 32.35 32.24	32.38 32.31 32.23 32.24 32.33	6 7 8 9
11	30.18	39.13	48.18	40.69	42.00	32.17	40.62	39.84	35.72	32.59	32.28	32.46	11
12	30.17	36.47	47.86	41.68	41.73	31.96	40.92	39.83	35.58	32.57	32.25	32.65	12
13	30.18	34.70	47.65	42.30	41.18	34.22	41.15	39.92	35.43	32.54	32.22	32.68	13
14	30.17	34.04	47.44	41.46	40.55	42.89	41.02	40.06	35.33	32.48	32.27	32.72	14
15	30.03	33.31	47.25	40.61	39.82	40.84	40.91	40.23	35.12	32.34	32.34	32.83	15
16	29.98	33.22	47.15	41.03	39.18	39.24	40.61	40.38	34.90	32.29	32.38	32.92	16
17	29.86	33.22	47.39	46.90	38.64	38.81	40.13	40.25	34.82	32.29	32.31	33.01	17
18	29.71	33.22	47.54	48.29	38.45	37.18	38.89	40.02	34.64	32.26	32.26	33.03	18
19	29.72	33.22	47.49	48.25	38.09	35.86	38.20	39.65	34.55	32.32	32.32	32.92	19
20	29.82	35.68	47.39	48.01	37.36	34.92	37.50	39.25	34.38	32.22	32.38	32.98	20
21	29.99	37.54	47.15	47.86	36.50	34.23	37.27	38.99	34.23	31.98	32.42	32.99	21
22	30.33	37.67	47.54	47.72	35.90	33.75	37.17	38.83	34.13	31.88	32.59	33.11	22
23	30.55	37.77	47.27	47.60	35.58	33.57	36.45	38.14	34.04	31.74	32.74	33.24	23
24	30.64	37.83	46.64	47.49	35.23	34.11	35.92	37.12	34.00	31.71	32.91	33.28	24
25	30.83	38.01	46.09	47.41	34.56	38.05	35.51	36.77	33.99	31.82	32.97	33.29	25
26 27 28 29 30 31	30.89 30.62 30.49 30.46 30.44 30.37	39.89 42.04 41.98 46.71 47.97	45.44 44.70 44.17 43.86 45.71 46.24	47.37 47.31 47.19 46.81 46.52 46.36	34.69 34.34 34.09	40.28 46.85 47.30 46.43 45.00 48.72	34.77 34.40 34.24 33.96 33.57	36.72 36.69 37.02 37.39 37.77 37.69	33.90 33.87 34.64 34.63 34.01	31.93 31.88 31.76 31.84 32.07 32.25	32.94 33.02 33.11 33.27 33.52 33.76	33.40 33.49 33.62 33.59 33.59	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-18-71	1830	48.47									
		i						1			

	LOCATION	N	МА	XIMUM DISCH	ARGE	PERIOD O	FRECORD		DATU	OF GAGE	
LATITUDE LONGITUDE		1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY			GAGE	DATUM
39 00 35	121 49 25	NE2 13N 1E	28900 27300	51.41 50.72	2/27/48	APR 31-0CT 38 8	AUG 31-DATE	1931		0.00	USED

Station located 0.3 mi. below Wilkins Slough Pumping Plant of Reclamation District 108, 1.3 mi. below Tisdale Weir, 6 mi. SE of Grimes. Maximum discharge of record listed is for period 1938 to date. Records furnished by USGS.

8 - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A02976 COLUSA BASIN DRAIN AT HIGHNAY 20

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	38.54 38.51 38.48 38.31 38.24	38.38 38.37 38.20 38.48 39.47	48.06 47.71 46.68 46.93 47.00	39.62 40.33 39.88 39.30 39.17	38.52 38.42 38.32 38.23 38.20	37.83 37.81 37.81 37.91 37.88	39.52 39.92 39.95 40.34 40.31	41.61 42.31 44.17 44.90 45.59	44.54 44.18 43.11 41.69 40.82	40.96 40.74 40.81 40.59 40.53	41.72 41.74 41.01 40.90 41.11	42.68 42.57 42.51 42.28 41.97	1 2 3 4 5
6 7 8 9	38.41 38.35 38.16 38.07 38.08	39.84 39.78 39.62 39.65 40.30	45.29 43.48 42.58 42.34 41.61	38.94 38.85 38.76 38.70 38.57	38.17 38.13 38.12 38.17 38.08	37.80 37.80 37.81 37.79 37.80	39.23 39.31 39.48 39.10 38.99	45.69 45.07 44.59 44.86 45.19	40.25 39.58 38.81 38.46 38.75	40.36 40.26 40.15 40.04 40.05	41.24 41.24 41.31 41.24 41.04	41.72 41.91 41.99 42.18 42.43	6 7 8 9 10
11 12 13 14	38.08 38.24 38.09 38.05 38.03	40.15 39.40 38.98 38.47 38.10	40.85 40.32 39.89 39.95 39.81	38.55 38.61 38.65 38.65 38.56	38.16 38.44 38.43 38.37 38.26	37.80 37.89 37.96 37.87 37.83	38.77 38.60 38.11 37.91 38.47	45.33 45.16 44.91 44.58 44.53	38.88 38.66 38.97 39.31 39.18	40.14 40.38 40.35 40.22 40.35	40.99 40.67 40.52 40.85 41.10	42.56 42.43 42.36 42.54 42.09	11 12 13 14 15
16 17 18 19 20	37.99 38.03 38.13 38.21 38.39	38.16 38.19 38.16 38.07 38.01	40.53 41.11 41.97 46.43 45.04	40.15 45.60 45.06 43.73 41.87	38.29 38.38 38.22 38.14 38.08	38.10 38.25 38.04 38.03 38.02	38.18 38.26 38.24 38.55 38.29	44.14 43.72 43.03 42.34 41.96	39.18 39.06 39.18 39.38 39.04	40.28 40.07 40.15 40.29 40.27	41.35 41.62 41.73 41.82 41.68	41.89 41.92 41.39 41.14 40.80	16 17 18 19 20
21 22 23 24 25	38.95 39.41 39.02 39.19 39.05	37.93 37.85 37.91 37.94 38.04	44.16 44.48 42.93 41.33 40.66	41.10 40.53 39.97 39.56 39.29	38.02 38.01 37.98 37.98 37.92	38.07 38.09 38.30 38.86 39.42	38.45 39.30 39.78 40.02 40.63	43.03 42.77 41.67 41.16 41.16	39.10 39.67 39.77 39.91 40.18	40.40 40.27 40.12 40.17 40.49	41.79 42.13 42.48 42.16 42.29	40.58 40.30 39.88 39.80 39.79	21 22 23 24 25
26 27 28 29 30 31	39.09 38.68 38.45 38.50 38.40 38.44	38.07 38.14 42.74 46.97 48.24	40.42 40.58 40.31 40.14 39.95 39.74	39.04 38.82 38.72 38.76 38.61 38.66	37.88 37.86 37.89	39.76 38.97 39.40 39.30 39.50 39.45	40.07 39.70 39.71 40.58 41.01	41.69 42.19 43.81 44.94 45.27 45.05	40.38 40.86 41.30 40.85 40.83	40.67 40.60 40.83 41.01 41.39 41.52	42.38 42.46 42.45 42.43 42.64 42.78	39.62 39.41 39.32 39.26 39.16	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-30-70	1200	48.31									

	LOCATION		МА	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	UM OF GAGE	
LATITUDE	ATITUDE LONGITUDE 1/4 SEC. T. & R		OF RECORD			DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO ON	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 11 44	122 03 34	NE34 16N 2W	5120	51.93 50.96	2/21/58 2/18/69	JUN 24-DEC 40 8 MAY 41-DATE	JUN 24-DEC 40 8 MAY 41-DATE	1957	1957	39.09 0.00	USED

Station located at State Highway 20 Bridge, 3.0 mi. W of Colusa.

^{8 -} Irrigation season only.

(IN FEET)

(W	ATER YEAR	STATION NO.	STATION NAME
	1971	A02945	COLUSA BASIN DRAIN AT KNIGHTS LANDING

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	24.50 24.51 24.51 24.51 24.51	24.03 24.48 24.52 24.52 24.32	29.11 29.31 29.23 29.46 29.64	26.42 26.41 26.48 26.35 26.29	26.07 26.05 25.99 25.95 25.94	21.62 21.79 22.13 22.55 22.93	26.20 26.26 26.30 26.34 26.44	24.54 24.55 24.56 24.65 24.73	27.07 27.04 27.03 26.65 26.21	24.52 24.51 24.53 24.52 24.52	24.52 24.52 24.52 24.52 24.52 24.52	24.52 24.52 24.52 24.52 24.51	1 2 3 4 5
6 7 8 9	24.50 24.50 24.50 24.51 24.50	23.92 23.34 22.40 22.53 22.08	29.55 29.29 28.82 28.24 27.73	26.22 26.19 26.15 26.13 26.12	25.93 25.92 25.91 25.90 25.90	23.27 23.56 23.86 24.02 24.03	26.39 26.22 26.17 26.13 26.08	25.85 26.24 26.52 27.23 27.44	25.90 25.63 25.24 24.71 24.35	24.51 24.51 24.51 24.52 24.52	24.52 24.51 24.51 24.52 24.52	24.51 24.53 24.51 24.52 24.52	6 7 8 9
11 12 13 14 15	24.52 24.51 24.51 24.50 24.53	23.56 24.62 23.47 22.68 21.86	27.37 27.09 26.82 26.64 26.58	26.15 26.15 26.18 26.19 26.23	25.90 25.94 25.98 25.98 25.98	24.03 23.68 22.30 22.81 23.37	26.01 25.94 25.88 25.75 25.55	27.50 27.55 27.53 27.52 27.51	24.44 24.42 24.44 24.51 24.52	24.52 24.52 24.52 24.51 24.52	24.52 24.52 24.52 24.52 24.53	24.52 24.52 24.52 24.52 24.52	11 12 13 14 15
16 17 18 19 20	24.50 24.52 24.51 24.51 24.33	21.32 21.18 21.67 22.31 22.80	26.71 26.84 26.94 27.76 28.23	26.22 27.08 28.00 27.99 27.70	25.93 25.94 25.82 25.62 25.10	23.78 24.49 24.86 25.16 25.23	25.55 25.51 25.48 25.44 25.53	27.51 27.56 27.33 27.04 26.73	24.51 24.51 24.39 24.44 24.51	24.51 24.52 24.53 24.52 24.52	24.52 24.53 24.52 24.52 24.52	24.52 24.52 24.51 24.52 24.51	16 17 18 19 20
21 22 23 24 25	24.01 24.05 23.76 23.49 23.50	23.22 23.55 23.84 24.06 24.35	28.28 28.19 28.03 27.54 27.06	27.40 27.05 26.73 26.51 26.37	24.31 23.67 23.24 22.87 22.32	24.71 24.51 24.53 24.57 25.02	25.48 25.36 25.10 24.65 24.53	26.54 26.54 26.18 25.52 24.98	24.50 24.49 24.49 24.52 24.52	24.52 24.52 24.52 24.52 24.52	24.52 24.53 24.52 24.51 24.52	24.52 24.51 24.51 24.52 24.52	21 22 23 24 25
26 27 28 29 30 31	23.52 23.53 23.50 23.54 23.54 23.58	24.72 24.93 26.21 28.22 28.75	26.78 26.67 26.62 26.66 26.56 26.47	26.28 26.19 26.15 26.11 26.09 26.07	22.19 21.98 21.73	25.99 26.23 26.12 26.18 26.21 26.22	24.52 24.51 24.51 24.52 24.52	24.77 24.79 25.29 26.10 26.83 27.09	24.52 24.53 24.53 24.52 24.53	24.53 24.52 24.52 24.52 24.52 24.52	24.53 24.52 24.52 24.51 24.52 24.52	24.52 24.52 24.51 24.52 24.52	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-5-70	1300	29.71									

	LOCATIO	N	M	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.
CATHODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 47 58	121 43 27	SW14 11N 2E		36.8	2/10/42	MAY 24-OCT 39 8 JAN 40-DATE	MAY 24-OCT 39 8 JAN 40-DATE	1924		0.00	USED

Station located at Knights Landing Outfall Gates, 0.3 mi. W of Knights Landing. Tributary to Sacramento River. Flow regulated by outfall gates. An undetermined amount of flow is diverted to Yolo Bypass via Ridge Cut at Knights Landing. For total flow to Sacramento River, combine with the flows of Reclamation District 787 to Colusa Basin Drain.

ö - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A02200 SACRAMENTO RIVER AT KNIGHTS LANDING

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	18.70 18.72 18.71 18.65 18.53	18.59 18.57 18.68 18.76 19.00	34.19 36.10 36.61 36.61 37.04	32.45 32.25 32.19 31.87 31.26	32.89 32.27 31.83 31.50 31.22	21.09 20.88 20.44 20.22 20.16	34.37 33.78 33.13 32.58 31.44	21.81 22.35 22.78 23.32 23.94	26.40 26.44 26.52 26.24 25.87	22.00 21.82 21.55 21.35 21.22	20.68 20.94 21.09 21.05 20.89	23.24 23.32 23.32 23.09 22.61	1 2 3 4 5
6 7 8 9	18.51 18.53 18.45 18.45 18.54	19.57 20.36 21.58 22.00 21.37	37.21 37.19 36.96 36.76 36.73	30.44 29.78 29.19 28.68 28.24	30.93 30.43 29.59 28.89 28.43	20.09 19.96 19.89 19.90 19.87	30.46 30.01 29.90 29.91 28.87	24.62 25.21 25.58 26.03 26.51	25.54 25.33 25.05 24.57 24.08	21.03 20.79 20.51 20.28 20.16	20.86 20.84 20.72 20.66 20.58	22.19 22.11 22.12 22.20 22.32	6 7 8 9 10
11 12 13 14	18.51 18.54 18.59 18.63 18.50	24.22 24.38 22.83 22.14 21.32	37.50 36.82 36.60 36.38 36.14	27.63 28.00 29.08 29.04 28.51	28.13 28.02 27.53 27.13 26.56	19.96 20.17 21.76 27.93 28.83	28.40 28.45 28.48 28.32 28.19	26.81 26.87 26.91 27.00 27.07	23.74 23.54 23.37 23.21 23.15	20.18 20.33 20.40 20.32 20.21	20.71 20.90 21.12 21.30 21.45	22.43 22.56 22.50 22.66 22.98	11 12 13 14 15
16 17 18 19 20	18.41 18.34 18.24 18.24 18.40	20.80 20.72 21.38 22.61 23.44	35.92 35.84 35.86 35.80 35.65	28.46 31.61 33.73 35.65 37.09	26.01 25.66 25.42 25.16 24.59	27.82 27.55 26.60 25.55 24.79	28.02 27.81 27.10 26.38 25.82	27.18 27.07 26.95 26.70 26.30	22.92 22.74 22.51 22.42 22.14	20.18 20.13 20.15 20.26 20.20	21.54 21.58 21.61 21.30 21.63	23.17 23.26 22.97 22.47 22.22	16 17 18 19 20
21 22 23 24 25	18.60 18.81 18.90 19.28 19.26	23.92 24.06 24.17 23.99 24.32	35.44 35.47 35.44 35.15 34.43	37.16 37.03 36.85 36.63 36.41	23.80 23.18 22.78 22.61 21.82	24.15 23.68 23.46 23.70 25.94	25.56 25.27 24.69 24.08 23.47	26.04 25.91 25.52 24.80 24.30	21.85 21.63 21.58 21.54 21.69	20.03 19.90 19.91 19.76 19.74	21.75 21.91 22.12 22.25 22.31	22.19 22.17 22.20 22.10 21.98	21 22 23 24 25
26 27 28 29 30 31	19.34 19.15 18.97 18.93 18.85 18.76	25.13 27.11 27.50 30.47 32.90	33.50 32.43 31.57 31.04 31.81 32.62	36.22 36.01 35.80 35.37 34.61 33.73	21.78 21.54 21.29.	28.97 34.10 35.68 35.80 35.31 34.69	22.92 22.42 22.20 21.99 21.75	24.14 24.16 24.61 25.34 26.17 26.41	21.65 21.69 22.77 22.75 22.25	20.02 20.13 19.99 19.97 20.14 20.38	22.38 22.09 22.56 22.62 22.78 23.02	21.88 21.75 21.69 21.60 21.51	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-18-71	1930	34.21									

	LOCATIO	4	M	AXIMUM DISCHA	RGE	PERIOD OF	RECORD		DATU	M OF GAGE	
		1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	OHLY	FROM	TO	GAGE	DATUM
38 48 10	121 42 55	NE14 11N 2E		41.83	2/8/42	JUL 19-0CT 38 8	JUL 19-DATE	1921		0.00	USED

Station located just above the Southern Pacific Railroad Bridge, 13.1 mi. above Feather River immediately NE of Knights Landing. Station affected by backwater from Feather River and Sutter Bypass during periods of high flow. Maximum discharge of record listed is for period 1940 to date. Records furnished by USGS. Drainage area 14,541.

8 - Irrigation season only.

(IN FEET)

WATER YEAR	STATION NO.	STATION NAME
1971	A02972	BUITE SLOUGH NEAR MERIDIAN

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	39.86	39.93	54.09	47.05	47.56	42.55	48.58	42.26	46.15	42.24	42.45	43.39	1
2	39.90	39.88	53.63	47.10	47.21	42.30	48.26	42.47	46.30	42.29	42.46	43.41	2
3	39.91	39.87	52.88	47.01	46.93	42.04	47.96	43.15	46.33	42.31	42.48	43.27	3
4	39.82	39.95	52.82	46.94	46.72	41.92	47.67	43.99	46.06	42.52	42.50	42.81	4
5	39.75	40.04	53.57	46.85	46.52	41.84	47.45	44.73	45.90	42.51	42.54	42.24	5
6 7 8 9	39.72 39.71 39.67 39.68 39.71	40.46 41.49 42.68 42.35 42.11	54.96 54.89 54.26 54.06 54.40	46.73 46.55 46.26 45.87 45.51	46.33 46.16 45.98 45.78 45.66	41.78 41.69 41.64 41.53 41.43	47.16 46.98 46.81 46.63 46.54	45.43 45.88 45.88 45.69 45.74	45.78 45.59 45.26 45.01 44.88	42.38 42.26 42.11 41.95 41.85	42.66 42.76 42.81 42.92 42.88	42.02 41.92 41.75 41.75 41.81	6 7 8 9
11	39.75	43.18	54.42	45.33	45.48	41.25	46.44	45.72	44.73	42.04	42.85	41.94	11
12	39.76	43.32	53.81	45.31	45.34	41.09	46.34	45.60	44.41	42.26	42.84	41.98	12
13	39.80	43.13	53.13	45.40	45.24	42.12	46.18	45.55	43.72	42.28	42.60	41.91	13
14	39.78	42.57	52.34	45.39	45.22	44.65	46.09	45.73	43.02	42.20	42.47	41.84	14
15	39.73	42.01	51.39	45.46	45.25	45.61	46.00	45.99	42.63	42.11	42.42	41.80	15
16	39.75	41.80	50.56	45.80	45.22	45.76	45.91	46.09	42.24	42.12	42.30	41.80	16
17	39.70	42.09	50.11	48.38	45.18	45.64	45.80	46.12	41.87	42.12	42.15	41.86	17
18	39.65	43.10	50.84	53.45	45.11	44.94	45.68	46.15	41.66	42.11	42.15	41.71	18
19	39.66	43.32	51.16	54.67	44.98	44.07	45.53	46.14	41.42	42.17	42.03	41.60	19
20	39.71	43.24	50.88	54.52	44.80	43.31	45.21	45.98	41.38	42.22	41.96	41.66	20
21	39.79	43.14	50.17	54.05	44.50	42.77	44.56	45.98	41.38	42.50	42.13	41.73	21
22	39.96	43.05	50.44	53.53	44.14	42.47	44.23	46.18	41.30	42.69	42.53	41.85	22
23	40.09	42.94	51.03	52.96	43.95	42.33	43.77	46.20	41.21	42.58	42.65	42.00	23
24	40.15	42.61	50.19	52.46	43.51	43.00	43.01	45.81	41.20	42.45	42.77	42.09	24
25	40.29	42.45	49.30	52.02	43.17	44.96	42.69	45.61	41.23	42.35	42.99	42.11	25
26 27 28 29 30 31	40.34 40.23 40.17 40.14 40.07 39.99	42.48 42.52 43.14 46.45 52.68	48.72 48.26 47.83 47.48 47.18 47.06	51.62 51.23 50.78 49.79 48.76 48.05	43.20 42.89 42.68	45.68 47.66 51.03 50.32 49.53 49.01	42.66 42.66 42.33 42.12 42.13	45.54 45.55 45.77 46.03 46.21 46.16	41.21 41.29 41.58 42.10 42.25	42.29 42.19 42.06 42.03 42.18 42.30	43.10 43.19 42.77 42.93 43.14 43.33	42.17 42.19 42.23 42.13 42.01	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-6-70	1730	55.20									

	LOCATIO	н	MA	XIMUM DISCHA	RGE	PERIOD	OF RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	IOD	Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 10 05	121 53 28	NE 7 15N 1E				JAN 1939-DATE	NOV 34-MAY 37 # OCT 1937-DATE	1934		0.00	USED

Station located on right bank 0.5 mile upstream from Farmland Road, 1.7 miles northeast of Meridian. Tributary to Sutter Bypass. Flow affected by gate operation. Flow during summer months is made up almost entirely of return water from land irrigated by Feather River diversions. During flood periods, Sacramento River water enters Butte Basin above Butte City from bank spill and spill over Moulton and Colusa Weirs.

- Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A05935 SUTTER BYPASS AT LONG BRIDGE

•	•••	-	_	
	(11)	IF	EE	T)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	37.14	37.13	47.91	40.00	41.00	38.81	42.14	40.45	40.49	40.80	41.01	40.15	1
2	37.14	37.13	47.60	40.05	40.55	38.75	41.72	40.46	40.55	40.83	40.94	40.16	2
3	37.15	37.13	46.73	39.96	40.18	38.67	41.22	40.54	40.58	40.84	40.90	40.12	3
4	37.15	37.13	46.52	39.91	39.94	38.65	40.63	40.62	40.52	40.94	40.90	40.00	4
5	37.15	37.13	47.19	39.83	39.77	38.63	40.31	40.86	40.47	40.97	40.92	39.83	5
6 7 8 9	37.15 37.14 37.14 37.14 37.14	37.13 37.12 37.61 37.59 37.17	48.73 48.82 48.21 47.90 48.21	39.74 39.65 39.50 39.29 39.10	39.61 39.43 39.07 38.53 38.40	38.59 38.56 38.54 38.51 38.53	39.95 39.69 39.73 39.78 39.70	41.01 40.77 40.34 39.94 39.96	40.43 40.38 40.30 40.22 40.19	40.90 40.91 40.91 40.85 40.87	40.96 41.00 40.97 40.95 40.90	39.79 39.79 39.73 39.71 39.73	6 7 8 9
11	37.14	37.85	48.29	38.98	38.31	38.65	39.81	39.95	40.15	40.96	40.89	39.81	11
12	37.14	37.60	47.72	38.93	38.21	38.61	39.90	39.93	40.06	41.04	40.88	39.74	12
13	37.14	37.20	46.94	38.96	38.15	38.82	39.84	39.91	40.10	41.02	40.80	39.46	13
14	37.13	37.16	46.08	38.96	38.13	38.33	39.80	39.95	40.14	40.97	40.75	39.43	14
15	37.13	37.15	45.18	38.98	38.14	38.71	39.75	40.01	40.15	40.93	40.73	39.41	15
16	37.13	37.14	44.43	39.18	38.13	39.15	39.80	40.04	40.32	40.93	40.61	39.42	16
17	37.13	37.14	43.84	40.53	38.08	39.49	39.87	40.04	40.48	40.93	40.31	39.46	17
18	37.13	37.21	44.17	46.69	38.03	39.31	39.84	40.05	40.40	40.93	40.32	39.43	18
19	37.13	37.88	44.59	48.34	37.97	39.02	39.80	40.06	40.44	40.95	40.28	39.38	19
20	37.13	38.59	44.45	48.25	37.87	38.97	39.96	40.03	40.51	40.95	40.25	39.38	20
21	37.13	38.56	43.88	47.82	37.94	39.00	39.94	40.03	40.51	41.05	40.31	39.42	21
22	37.13	38.52	43.76	47.26	38.52	39.03	40.08	40.07	40.46	41.11	40.44	39.47	22
23	37.13	38.56	44.53	46.62	38.81	38.99	40.26	40.09	40.47	41.04	40.49	39.50	23
24	37.13	38.43	43.90	46.07	38.68	39.15	40.02	40.03	40.46	40.97	40.55	39.54	24
25	37.13	38.16	43.07	45.60	38.78	39.45	39.93	39.98	40.48	40.94	40.68	39.56	25
26 27 28 29 30 31	37.13 37.13 37.13 37.13 37.13 37.13	38.22 38.25 38.43 39.44 45.17	42.41 41.87 41.38 40.92 40.39 40.09	45.17 44.80 44.37 43.57 42.51 41.63	39.00 38.90 38.83	39.07 39.63 44.23 44.07 43.23 42.59	39.99 40.14 40.24 40.35 40.40	40.18 40.34 40.39 40.43 40.49 40.50	40.47 40.48 40.56 40.73 40.80	40.96 40.96 40.92 40.90 40.95 41.00	40.62 40.63 40.50 40.54 40.63 40.57	38.25 37.15 37.15 37.15 37.15	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-6-70	2245	49.04			,						

	LOCATION	4	M.	AXIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT		IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 08 46	121 50 31	SE15 15N 1E		57.7	3/1/40		14-DATE			0.00	USED

Station located on west levee, 0.2 mi. N of State Highway 20, 3.9 mi. E of Meridian. Gage heights below 39.0 ft. are not indicative of flow in channel.

WATER YEAR STATION NO. STATION NAME

1971 A05929 WADSWORTH CANAL NEAR SUITER

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	40.19	39.42	45.18	39.60	39.01	38.57	39.67	39.42	41.38	39.37	39.81	40.03	1
2	40.14	39.34	45.29	40.33	38.99	38.56	39.96	40.56	41.03	39.29	39.84	40.15	2
3	40.10	39.39	44.33	39.72	38.94	38.55	40.06	41.57	40.69	39.27	39.27	40.02	3
4	40.14	39.45	44.61	39.64	38.92	38.54	39.98	41.86	40.54	39.35	39.39	39.95	4
5	39.99	39.44	44.80	39.54	38.89	38.52	39.76	41.75	40.91	39.28	39.67	40.40	5
6 7 8 9	40.11 39.73 39.80 40.02 40.09	39.68 39.78 39.60 39.47 39.47	45.87 46.11 45.52 45.09 45.29	39.48 39.44 39.35 39.26 39.27	38.88 38.88 38.86 38.84 38.82	38.78 39.78 39.36 39.37 39.90	39.81 39.97 39.98 39.60 38.95	41.25 40.77 40.78 40.86 40.67	40.86 40.43 40.16 39.66 39.74	38.95 38.96 38.57 38.98 39.38	39.75 39.88 40.24 40.33 40.32	40.45 40.27 40.12 40.20 40.25	6 7 8 9
11	39.99	39.49	45.46	39.27	38.82	40.75	39.30	40.49	39.44	39.70	40.20	40.40	11
12	40.03	39.46	44.92	39.27	38.82	41.14	39.98	39.98	39.60	40.08	40.13	40.64	12
13	40.06	39.45	44.16	39.49	38.81	40.96	39.78	40.12	39.95	39.65	40.08	40.93	13
14	40.04	39.42	43.32	39.37	38.80	40.87	39.76	40.62	39.71	39.74	40.34	40.74	14
15	40.20	39.34	42.48	39.38	38.78	40.81	39.18	40.76	39.41	39.40	40.51	40.43	15
16	40.29	39.26	41.76	40.27	38.75	40.68	38.98	40.63	39.32	39 60	40.33	40.58	16
17	40.33	39.29	40.89	40.26	38.42	40.35	39.07	40.46	39.34	39 81	40.13	40 19	17
18	40.45	39.35	41.26	42.46	38.67	40.26	38.95	40.04	39.03	40 12	40.00	40 24	18
19	40.65	39.33	41.79	45.15	38.67	40.52	39.12	40.08	38.95	39 66	39.93	40 31	19
20	40.72	39.26	41.68	45.26	38.65	40.67	39.45	40.31	39.12	39 44	39.96	40.75	20
21	40.91	39.20	41.66	44.83	38.65	40.69	39.79	41.07	39.24	39.57	40.03	41.20	21
22	41.14	39.16	40.90	44.27	38.65	40.24	39.76	40.46	38.96	39.63	40.06	41.45	22
23	40.80	39.19	41.42	43.65	38.63	40.13	39.44	40.14	39.15	39.78	40.00	41.26	23
24	40.41	39.22	41.12	43.10	38.62	40.52	38.92	40.11	39.41	39.91	39.92	40.95	24
25	40.05	39.16	40.22	42.63	38.58	40.74	39.55	40.18	39.25	39.87	39.69	40.98	25
26 27 28 29 30 31	39.90 39.81 39.82 39.85 39.72 39.60	39.06 39.16 40.15 43.64 43.38	39.80 39.73 39.68 39.80 39.74 39.63	42.21 41.82 41.39 40.62 39.43 39.05	38.59 38.58 38.59	40.71 40.51 40.78 41.37 40.68 40.03	39.80 39.35 38.69 39.08 39.24	40.07 40.03 40.80 41.23 41.49 41.28	39.47 39.77 39.92 39.71 39.42	39.71 39.67 39.64 39.58 39.74 39.68	40.00 40.22 40.21 40.33 40.09 40.11	40.97 41.00 40.59 40.28 40.35	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-6-70	2400	46.26									
1-19-71	2300	45.35									

	LOCATION	4	M.	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
CATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 09 12	121 44 00	NE15 15N 2E		53.62	1/26/70	MAR 61-DATE	MAR 61-DATE	1961		0.00	USED

Station located at South Butte Road Bridge, 0.9 mi. E of Sutter. Tributary to Sutter Bypass. This station and one 2.2 mi. downstream are used to determine the slope for rating of canal. Records for January 1939 to March 1961 previously published as Wadsworth Canal at Butte House Road.

WATER YEAR STATION NO. STATION NAME

1971 A05921 SUITER BYPASS TO STATE PUMPING FLANT 2

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	27.66 27.62 27.64 27.75 27.80	28.52 28.47 28.44 28.53 28.58	NR NR NR NR	NR NR NR 32.12 31.93	NR 33·54 33·12 32·67 32·20	26.56 26.53 26.45 26.40 26.34	33.78 33.36 32.97 32.67 32.42	29.20 29.20 29.22 29.58 29.68	31.47 31.33 31.21 31.02 30.66	28.68 28.55 E 28.30 E 28.40 E 28.60 E	28.67 28.85 28.56 28.59 28.73	28.61 28.65 28.66 28.49 28.56	1 2 3 4 5
6 7 8 9	27.72 27.70 27.76 27.91 28.09	28.77 29.02 29.18 29.02 28.79	NR NR NR NR	31.70 31.25 30.96 30.48 29.81	31.63 31.08 30.55 30.20 29.66	26.32 26.54 26.38 26.66 26.82	32.15 31.96 31.74 31.48 31.12	29.84 29.90 30.06 30.19 30.03	30.39 29.82 29.16 29.00 29.06	28.49 28.39 28.46 28.45 28.50	28.70 28.56 28.68 28.78 28.75	28.83 28.43 28.24 28.49 28.65	6 7 8 9 10
11 12 13 14 15	28.32 28.46 28.51 28.39 28.29	28.77 29.03 28.99 28.87 28.67	NR NR NR NR NR	29.14 28.67 28.59 28.73 28.80	29.09 28.64 28.26 28.01 27.89	27.85 28.99 27.81 27.53 28.30	30.77 30.75 30.63 29.99 29.44	29.78 29.47 29.29 29.50 29.71	29.07 28.98 28.94 28.86 28.65	28.55 28.56 28.48 28.39 28.53	28.65 28.57 28.79 28.89 28.91	28.46 28.49 28.29 28.02 27.54	11 12 13 14 15
16 17 18 19 20	28.28 28.39 28.54 28.71 28.63	28.37 28.35 28.55 28.72 28.81	NR NR NR NR NR	29.16 31.42 NR NR NR	27.82 27.75 27.65 27.54 27.39	29.09 29.20 28.86 28.62 28.78	29.28 29.35 29.12 29.11 29.16	29.78 29.72 29.66 29.63 29.59	28.60 28.39 28.32 28.29 28.30	28.58 28.66 28.70 28.68 28.47	28.49 28.43 28.55 28.51	27.52 27.76 27.66 27.77 28.25	16 17 18 19 20
21 ' 22 23 24 25	28.31 28.38 28.57 28.47 28.30	28.78 28.76 28.74 28.76 28.58	NR NR NR NR	NR NR NR NR NR	27.32 27.16 27.00 26.93 26.72	29.27 28.94 28.78 29.00 28.99	29.18 29.07 29.26 29.55 29.72	29.92 30.51 30.09 29.56 29.39	28.43 28.59 28.60 28.49 28.37	28.47 28.65 28.67 28.72 28.63	28.48 28.55 28.49 28.48 28.41	28.61 28.84 28.71 28.50 28.37	21 22 23 24 25
26 27 28 29 30 31	28.31 28.50 28.47 28.41 28.46 28.50	28.46 28.45 28.87 29.22 NR	NR NR NR NR NR	NR NR NR NR NR	26.71 26.69 26.62	29.61 31.54 35.00 35.61 35.06 34.28	29.88 29.62 28.96 28.86 29.10	29.37 29.34 29.55 30.29 31.18 31.50	28.41 28.64 28.64 28.60 28.60	28.64 28.59 28.55 28.50 28.55 28.51	28.59 28.53 28.38 28.42 28.44 28.44	28.23 28.26 28.35 28.26 28.20	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

	LOCATIO	4	MA	XIMUM DISCH	ARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO GAGE		DATUM
39 01 34	121 43 32	sw26 14n 2E				MAY 67-DATE					

Station located on east side of levee at west end of O'Bannion Road, 9.8 mi. SW of Yuba City.

WATER YEAR STATION NO. STATION NAME

1971 A02927 SUTTER BYPASS AT RECLAMATION DISTRICT 1500 PUMPING FLANT

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	15.57	15.56	30.24	28.27	29.05	16.40	31.97	18.25	23.48	18.76	17.25	20.28	1
2	15.70	15.57	33.63	28.17	28.24	16.18	31.06	18.61	23.55	18.55	17.48	20.36	2
3	15.65	15.70	34.36	27.99	27.61	15.86	30.18	19.20	23.57	18.23	17.61	20.31	3
4	15.62	15.78	34.36	27.70	27.06	15.69	29.34	19.83	23.39	18.05	17.54	20.20	4
5	15.61	15.96	34.89	27.19	26.50	15.60	28.30	20.39	23.03	17.94	17.45	19.88	5
6 7 8 9	15.53 15.57 15.41 15.47 15.50	16.53 17.09 18.09 18.38 18.00	34.95 35.09 34.92 34.72 34.69	26.44 25.64 24.91 24.27 23.68	25.95 25.30 24.46 23.61 22.95	15.53 15.48 15.44 15.52 15.85	27.38 26.69 26.24 25.94 25.55	20.71 21.01 21.29 21.63 21.95	22.72 22.48 22.10 21.45 20.85	17.80 17.59 17.25 16.89 16.70	17.47 17.54 17.47 17.49 17.52	19.54 19.48 19.49 19.51 19.64	6 7 8 9
11	15.47	19.22	34.79	23.23	22.54	16.26	25.11	22.29	20.51	16.75	17.75	19.70	11
12	15.53	19.84	34.70	23.65	22.30	16.82	24.82	22.48	20.35	16.87	18.10	19.83	12
13	15.57	18.89	34.39	24.66	22.00	18.96	24.61	22.46	20.13	16.94	18.49	19.62	13
14	15.65	18.41	34.02	25.11	21.66	23.00	24.48	22.38	20.03	16.90	18.73	20.02	14
15	15.53	17.83	33.51	25.02	21.30	24.95	24.24	22.43	19.89	16.87	18.89	20.48	15
16	15.49	17.45	33.11	24.98	20.89	24.82	24.21	22.49	19.66	16.86	18.98	20.74	16
17	15.39	17.27	32.86	26.34	20.61	24.57	24.15	22.50	19.46	16.83	19.01	20.69	17
18	15.33	17.55	32.80	28.74	20.27	24.04	23.84	22.42	19.25	16.89	18.98	20.17	18
19	15.36	18.36	32.69	32.49	19.96	23.23	23.26	22.16	19.24	17.03	18.39	19.52	19
20	15.47	18.95	32.44	34.89	19.60	22.48	22.83	21.64	18.71	16.96	18.91	19.17	20
21	15.71	19.13	32.25	35.00	19.08	21.86	22.48	21.30	18.38	16.86	19.05	19.19	21
22	15.83	19.33	32.16	34.80	18.57	21.39	22.06	21.13	18.15	16.78	19.17	19.19	22
23	16.00	19.46	32.14	34.56	18.10	21.13	21.37	20.85	18.11	16.91	19.38	19.23	23
24	16.17	19.47	31.93	34.21	17.72	21.20	20.61	20.35	18.11	16.76	19.47	19.02	24
25	16.10	19.49	31.18	33.84	17.28	22.42	19.95	19.93	18.26	16.47	19.53	18.80	25
26 27 28 29 30 31	16.14 15.97 15.89 15.81 15.77 15.69	19.88 21.16 21.82 23.95 27.31	30.17 29.11 28.25 27.69 27.68 28.08	33.50 33.13 32.71 32.15 31.23 30.12	16.96 16.76 16.58	25.01 29.47 32.53 33.49 33.33 32.77	19.56 19.20 18.96 18.65 18.25	19.80 19.88 20.51 21.64 22.76 23.32	18.15 18.54 19.73 19.50 19.09	16.92 16.97 16.83 16.78 16.88 17.02	19.66 19.74 19.81 19.85 19.89 20.05	18.56 18.30 18.13 17.93 17.71	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-7-70	0645	35.12									
		ļ									

	LOCATION	1	M	XIMUM DISCH	ARGE	PERIOD (F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	23-CHARUE	ONLY	FROM	TO	GAGE	DATUM
				, I			1915-DATE			0.00	USED

Station located on west levee, 3.7 mi. SE of Knights Landing.

WATER YEAR STATION NO. STATION NAME

1971 A02170 SACRAMENTO RIVER AT FREMONT WEIR, WEST END

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	16.86	16.86	31.59	29.77	30.17	18.38	32.94	19.69	24.42	20.03	18.60	21.39	1
2	16.96	16.83	34.30	29.64	29.32	18.16	32.14	20.09	24.50	19.83	18.84	21.47	2
3	16.91	16.96	34.85	29.54	28.78	17.77	31.31	20.53	24.56	19.53	18.96	21.44	3
4	16.90	17.01	34.86	29.19	28.35	17.59	30.60	21.07	24.29	19.40	18.94	21.29	4
5	16.81	17.19	35.30	28.60	28.01	17.52	29.50	21.61	23.93	19.26	18.80	20.91	5
6	16.78	17.77	35.36	27.77	27.68	17.45	28.42	22.14	23.66	19.09	18.78	20.53	6
7	16.81	18.37	35.45	27.07	27.18	17.35	27.74	22.61	23.43	18.86	18.80	20.45	7
8	16.69	19.48	35.31	26.45	26.42	17.30	27.55	22.93	23.07	18.58	18.71	20.47	8
9	16.71	19.87	35.16	25.92	25.72	17.37	27.41	23.32	22.51	18.27	18.68	20.54	9
10	16.77	19.37	35.14	25.46	25.24	17.53	26.66	23.74	21.99	18.11	18.64	20.66	10
11	16.75	21.17	35.22	24.95	24.92	17.80	26.25	24.10	21.67	18.17	18.82	20.71	11
12	16.78	21.79	35.14	25.44	24.77	18.16	26.15	24.23	21.51	18.28	19.15	20.78	12
13	16.83	20.49	34.91	26.50	24.37	20.02	26.09	24.22	21.32	18.31	19.47	20.71	13
14	16.89	19.90	34.63	26.68	24.01	25.12	25.91	24.21	21.24	18.25	19.69	20.99	14
15	16.78	19.24	34.27	26.35	23.54	26.53	25.77	24.25	21.13	18.19	19.83	21.39	15
16	16.71	18.79	33.99	26.37	23.05	25.93	25.68	24.32	20.90	18.18	19.94	21.67	16
17	16.64	18.65	33.86	28.69	22.74	25.69	25.53	24.30	20.73	18.14	19.96	21.69	17
18	16.55	19.04	33.86	30.86	22.44	24.95	25.01	24.18	20.53	18.19	19.98	21.28	18
19	16.56	20.01	33.78	33.58	22.16	24.08	24.39	23.90	20.50	18.30	19.51	20.70	19
20	16.67	20.71	33.55	35.29	21.69	23.37	23.92	23.44	20.09	18.24	19.94	20.41	20
21	16.91	21.09	33.38	35.37	21.01	22.76	23.64	23.13	19.78	18.11	20.09	20.40	21
22	17.05	21.23	33.37	35.24	20.46	22.29	23.29	22.98	19.54	18.01	20.21	20.38	22
23	17.29	21.34	33.34	35.04	20.04	22.04	22.64	22.66	19.50	18.06	20.41	20.41	23
24	17.47	21.40	33.08	34.78	19.66	22.13	21.97	22.04	19.47	17.91	20.50	20.25	24
25	17.44	21.43	32.28	34.53	19.14	23.68	21.34	21.56	19.62	17.71	20.57	20.08	25
26	17.49	21.99	31.22	34.30	19.00	26.57	20.88	21.39	19.55	18.10	20.66	19.90	26
27	17.33	23.67	30.05	34.05	18.76	31.48	20.47	21.44	19.76	18.20	20.73	19.69	27
28	17.20	24.19	29.11	33.76	18.55	33.64	20.24	21.97	20.93	18.09	20.83	19.55	28
29	17.14	26.80	28.60	33.28		34.22	19.99	22.95	20.81	18.05	20.87	19.40	29
30	17.08	29.70	29.24	32.39		34.04	19.67	23.95	20.34	18.18	20.98	19.25	30
31	17.01		29.81	31.28		33.56		24.36		18.36	21.18		31
31	17.01		29.81	31.28		33,36		24.30		10.30	21.18		

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-7-70	0700	35.48	1-20-71	2030	35.43	3-15-71	0230	26.70	3-29-71	1130	34.27

	LOCATIO	N	MA:	XIMUM DISCH	IARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 45 34	121 39 59	NW 32 11N 3E		39.7	12-23-1955		AUG 1934-DATE	1934		0.00	USED

Station located 0.1 mile west of weir, 4.0 miles southeast of Knights Landing.

WATER YEAR STATION NO. STATION NAME 1971 A02160 SACRAMENTO RIVER AT FREMONT WEIR, EAST END

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1			NR	NR		NR							1
2			34.10	NR		NR				1			2
3			34.32	NR		NR							3
4			34.35	NR		NR				1			4
5			34.75	NR		NR							5
6			34.76	NR		NR							6
7			34.84	NR		NR		1					7
8			34.71	NR		NR		1		1			8
9			34.57	NR		NR		1					9
10	N	N	34.55	NR	N	NR	N	N	N	N	N	N	10
11	0	0	34.61	NR	0	NR	0	0	0	0	0	0	11
12			34.55	NR		NR							12
13			34.36	NR		NR							13
14			34.06	NR	_	NR	_	_	l _	_	_	_	14
15	R	R	33.74	NR	R	NR	R	R	R	R	R	R	15
16	E	E	NR	NR	E	NR	E	E	E	E	E	E	16
17			NR	NR		NR			ĺ				17
18	С	С	NR	NR	С	NR	С	C	С	С	С	С	18
19			NR	33.98		NR							19
20	0	0	NR	34.69	0	NR	0	0	0	0	0	0	20
21	R	R	NR	34.77	R	NR	R	R	R	R	R	R	21
22			NR	34.64		NR							22
23	D	D	NR	34.46	D	NR	D	D	D	D	D	D	23
24			NR	34.22		NR		1		ŀ			24
25			NR	33.95		NR							25
26			NR	33.68		NR							26
27			NR	33.51		NR		i					27
28			NR	NR		NR			1	1			28
29			NR	NR		33.67			l				29
30		*	NR	NR		33.59	*	1	1	1		1	30
31			NR	NR		NR						1	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-7-70	0900	34.86	1-21-71	0330	34.83	3-29-71	1500	33.75			

	LOCATIO	N	МА	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE		
		1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
38 45 55	121 38 05	SW 27 11N 3E		39.3	3-10-1940		APRIL 1935-DATE	1935		0.00	USED	

Station located approximately 200 feet north of weir, 5.2 miles southeast of Knights Landing. Gage heights recorded only during periods when there is spill over weir.

WATER YEAR STATION NO. STATION NAME

1971 A05191 FEATHER RIVER AT OROVILLE

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	0.56	0.57	0.51	0.52	0.55	0.56	0.57	0.56	0.54	0.55	0.54	0.52	1
2	0.56	0.57	0.52	0.52 E	0.55	0.56	0.55	0.56	0.54	0.55	0.54	0.52	2
3	0.56	0.56	0.52	0.52 E	0.55	0.56	0.54	0.57	0.54	0.55	0.54	0.52	3
4	0.55	0.53	0.53	0.52 E	0.55	0.56	0.54	0.57	0.55	0.55	0.54	0.52	4
5	0.55	0.51	0.52	0.52 E	0.55	0.56	0.55	0.57	0.55	0.56	0.54	0.52	5
6	0.56	0.51	0.52	0.52 E	0.55	0.56	0.56	0.55	0.54	0.56	0.53	0.52	6
7	0.56	0.51	0.52	0.52 E	0.55	0.56	0.56	0.55	0.55	0.56	0.51	0.52	7
8	0.57	0.50	0.52	0.52 E	0.55	0.56	0.57	0.55	0.55	0.54	0.51	0.52	8
9	0.57	0.50	0.52	0.52 E	0.55	0.56	0.57	0.56	0.55	0.55	0.51	0.52	9
10	0.56	0.51	0.52	0.52 E	0.55	0.56	0.57	0.56	0.55	0.54	0.51	0.52	10
11	0.56	0.52	0.52	0.54 E	0.55	0.56	0.57	0.56	0.55	0.54	0.53	0.52	11
12	0.56	0.52	0.52	0.55	0.55	0.55	0.58	0.56	0.55	0.54	0.54	0.52	12
13	0.56	0.52	0.51	0.55	0.55	0.55	0.58	0.56	0.55	0.54	0.54	0.52	13
14	0.56	0.52	0.52	0.55	0.54	0.56	0.58	0.56	0.55	0.55	0.54	0.52	14
15	0.56	0.52	0.52	0.55	0.54	0.56	0.56	0.55	0.55	0.54	0.54	0.53	15
16	0.56	0.52	0.52	0.55	0.55	0.57	0.56	0.55	0.55	0.54	0.54	0.52	16
17	0.56	0.52	0.52	0.55	0.56	0.56	0.56	0.56	0.55	0.54	0.54	0.52	17
18	0.56	0.52	0.52	0.56	1.01	0.56	0.56	0.56	0.55	0.53	0.54	0.52	18
19	0.56	0.52	0.51	0.56	0.56	0.55	0.57	0.56	0.55	0.53	0.54	0.52	19
20	0.56	0.52	0.51	0.56	0.56	0.55	0.57	0.56	0.55	0.54	0.54	0.52	20
21	0.57	0.52	0.52	0.55	0.56	0.55	0.57	0.56	0.55	0.53	0.53	0.52	21
22	0.57	0.52	0.52	0.55	0.57	0.56	0.57	0.56	0.55	0.53	0.53	0.52	22
23	0.57	0.52	0.52	0.55	0.57	0.57	0.57	0.56	0.55	0.53	0.53	0.52	23
24	0.57	0.52	0.52	0.55	0.57	0.56	0.56	0.57	0.55	0.53	0.53	0.52	24
25	0.57	0.52	0.52	0.55	0.57	0.57	0.55	0.57	0.55	0.54	0.54	0.52	25
26	0.56	0.52	0.52	0.55	0.56	1.61	0.56	0.56	0.55	0.55	0.53	0.52	26
27	0.57	0.52	0.52	0.55	0.56	3.84	0.57	0.55	0.55	0.54	0.52	0.52	27
28	0.56	0.54	0.52	0.55	0.56	3.86	0.57	0.55	0.55	0.54	0.52	0.52	28
29	0.56	0.54	0.52	0.55		3.86	0.57	0.54	0.55	9.54	0.52	0.52	29
30	0.57	0.52	0.52	0.55		3.32	0.57	0.53	0.55	0.54	0.52	0.51	30
31	0.57		0.51	0.55		1.92		0.53	}	0.54	0.52		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
3-26-71	1915	4.12									

	LOCATIO	N		MA	XIMUM DISCH	ARGE	PERIOD (OF RECORD	DATUM OF GAGE			
	LOUGITURE	1/4 SEC. T		1/4 SEC. T. & R. OF RECORD DISCHARGE		GAGE HEIGHT	PERIOD		ZERO ON	REF.		
LATITUDE	ATITUDE LONGITUDE 1/4 3EC. 1. & R. M.D.B.&M.	M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
39 31 07	121 32 50	SE 8 19N	4E	230,000		3-19-1907	OCT 1901-DATE	OCT 1901-DATE	1912	1934	139.53	USCGS
									1934	1962	182.02	USCGS
									1962	1964	0.00	USCGS
									1964		148.97	USCGS

Station located 300 feet above Fish Barrier Dam, 0.6 mile northeast of Oroville. Flow partly regulated by reservoirs and powerplants. Maximum discharge listed at site then in use (approximately 167.5 feet, USCGS Datum). Drainage area is 3,626 square miles.

WATER YEAR STATION NO. STATION NAME

1971 A05165 FEATHER RIVER NEAR GRIDLEY

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	26.45	26.42	26.33	27.90	26.18	25.71	31.61	27.79	29.04	27.27	26.93	28.19	1
2	26.45	26.52	26.63	28.01	26.08	25.72	31.54	27.77	29.02	27.28	26.95	28.17	2
3	26.42	26.42	27.01	28.04	25.95	25.74	30.59	27.80	29.10	27.29	26.95	28.16	3
- Ā - I	26.42	26.52	27.48	27.93	25.87	25.73	29.07	27.80	29.11	27.30	26.94	28.16	4
5	26.42	26.71	27.77	27.74	25.85	25.72	28.92	27.79	29.10	27.29	26.95	28.13	5
6	26.43	26.49	27.79	27.62	25.80	25.73	28.96	27.78	29.08	27.33	26.94	28.15	6
7	26.42	26.44	27.90	27.49	25.76	25.72	29.12	27.78	29.00	27.17	26.94	28.16	7
8	26.43	26.42	28.18	27.39	25.76	26.07	29.27	27.77	28.67	26.97	26.93	28.17	8
9	26.42	26.44	28.16	27.25	25.76	26.55	29.28	27.75	28.33	26.92	26.93	28.21	9
10	26.41	26.43	28.30	27.20	25.76	27.18	29.26	28.01	28.18	26.92	27.22	28.20	10
- 11	26.42	26.44	28.54	27.20	25.76	27.61	29.24	28.03	28.08	26.90	27.67	28.16	11
12	26.42	26.43	28.54	27.93	25.75	28.07	29.36	28.05	27.79	26.93	28.09	28.13	12
13	26.42	26.43	28.53	28.24	25.74	29.40	29.59	28.04	27.76	26.94	28.28	28.22	13
14	26.41	26.43	28.54	28.25	25.73	30.28	29.58	28.04	27.78	26.95	28.27	28.58	14
15	26.42	26.42	28.55	28.83	25.73	30.45	29.59	28.02	27.78	26.96	28.24	28.99	15
16	26.42	26.44	28.56	29.49	25.73	30.47	29.59	28.01	27.76	26.96	28.27	29.06	16
17	26.42	26.43	28.55	29.51	25.74	30.47	29.57	28.03	27.68	26.95	28.28	28.71	17
18	26.41	26.42	28.39	29.54	25.72	30.47	29.56	27.93	27.29	26.95	27.43	28.30	18
19	26.41	26.42	27.95	30.33	25.74	30.46	29.60	27.57	26.91	26.96	28.24	28.13	19
20	26.44	26.43	27.56	30.80	25.72	30.45	29.48	27.29	26.43	26.98	28.26	28.15	20
21	26.43	26.43	27.17	30.79	25.72	30.43	29.12	27.11	26.32	27.00	28.24	28.16	21
22	26.42	26.42	27.42	30.47	25.73	30.32	28.78	27.05	26.66	27.02	28.22	28.08	22
23	26.43	26.39	28.12	29.72	25.73	30.05	28.40	27.03	26.82	27.01	28.21	27.87	23
24	26.42	26.24	27.80	29.18	25.74	30.04	28.12	27.05	26.84	26.99	28.22	27.67	24
25	26.41 -	26.24	27.72	28.83	25.72	30.46	28.12	27.06	26.84	26.98	28.21	27.45	25
26	26.41	26.22	27.71	28.44	25.72	31.47	28.16	27.13	26.86	27.00	28.20	27.21	26
27	26.41	26.24	27.71	28.05	25.74	33.49	28.16	27.48	26.84	26.99	28.21	27.02	27
28	26.41	26.30	27.73	27.67	25.72	33.55	28.17	28.15	26.84	26.97	28.19	26.84	28
29	26.43	26.33	27.73	27.30		33.57	27.85	28.86	27.12	26.98	28.15	26.62	29
30	26.43	26.30°	27.77	26.86		33.36	27.80	29.03	27.28	26.97	28.16	26.37	30
31	26.42	.,	27.92	26.46		32.52		29.05	į .	26.95	28.19		31
									l			l	1

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-15-70	1800	28.61	1-20-71	1000	30.83	3-30-71	0945	33.61	6-3-71	1530	29.13

	LOCATIO	N	MAXIMUM DISCHARGE			PERIOD	OF RECORD		DATU	M OF GAGE	DF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.	
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM	
39 22 01	121 38 43	SW 33 18N 3E		102.25	12-23-1955	JAN 1944-DATE	MAR 29-MAY 37 #			0.00	USED	
							OCT 37-APR 39 NOV 39-JUL 40	1929		-2.91	USCGS	

NOV 39-JUL 40 OCT 40-JUL 43 OCT 43-DATE

Station located near highway bridge, 2.7 miles east of Gridley. Subsequent to 1962, tabulations include all left-bank overflow. Records of discharge published prior to 1963 listed only that water in the main channel. Drainage area is 3,676 square miles.

- Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A05135 FEATHER RIVER AT YUBA CITY

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	41.11	41.17	43.23	44,27	41.91	40.24	48.97	43.33	45.39	43.06	42.19	43.88	1
2	41.03	41.27	44.28	44.37	41.76	40.15	48.31	43.28	45.48	42.87	42.16	43.84	2
3	41.05	41.21	44,09	44.45	41.62	40.14	47.61	43.33	45.49	42.87	42.15	43.81	3
4	41.05	41.23	45.87	44.33	41.46	40.15	45.63	43.36	45.37	42.87	42.14	43.82	4
5	41.06	41.68	46.23	44.03	41.41	40.10	44.92	43.36	45.31	42.76	42.15	43.79	5
6	41.06	41.50	45.03	43.72	41.39	40.08	45.08	43.29	45.28	42.76	42.15	43.79	6
7	41.03	41.74	44.46	43.48	41.37	40.06	45.17	43.27	45.23	42.66	42.15	43.83	7
8	41.05	41.67	44.70	43.38	41.34	40.22	45.63	43,28	44.85	42.36	42.18	43.87	8
9	41.06	41.64	44.92	43.10	41.34	40.88	45.62	43.27	44.47	42.18	42.15	43.89	9
10	41.04	41.59	44.69	43.08	41.34	41.71	45.63	43.49	44.15	42.18	42.30	43.90	10
11	41.03	41.50	44.91	43.38	41.33	42.30	45.61	43.72	44.08	42.18	42.87	43.64	11
12	41.05	41.41	44.87	44.42	41.29	42.94	45.37	43.72	43.91	42.17	43.50	43.60	12
13	41.07	41.42	44.83	44.72	41.27	44.75	45.60	43.71	43.79	42.18	43.87	43.79	13
14	41.04	41.43	44.80	44.90	41.26	46.14	45.42	43.70	43.82	42.19	43.94	44.32	14
15	41.04	41.40	44.81	45.05	41.26	46,48	45.60	43.64	43.81	42.21	43.91	44.80	15
16	41.05	41.39	44.97	46.07	41.26	46.51	45.65	43,61	43.74	42.22	43.93	45.08	16
17	41.04	41.40	45.30	46.50	41.14	46.50	45.65	43.62	43.68	42.22	43.94	44.66	17
18	41.04	41.39	45.07	46.43	40.90	46.43	45.60	43.65	43.67	42.24	43.14	43.99	18
19	41.06	41.39	44.53	46.81	40.88	46.40	45.60	43.08	43.26	42.22	43.68	43.61	19
20	41.17	41.38	43.92	47.78	40.86	46.24	45.67	42.64	42.72	42.23	43.89	43,56	20
21	41.14	41.16	43.79	47.90	40.84	46.20	45.30	42.40	42.45	42.25	43.89	43.60	21
22	41.16	41.39	43.86	47.62	40.76	46.17	44.87	42.15	42.55	42.38	43.89	43.58	22
23	41.20	41.39	44.57	47.27	40.60	45.93	44.42	42.08	42.55	42.27	43.90	43.33	23
24	41.19	41.22	44.27	45.99	40.50	46.15	43.98	42.04	42.80	41.99	43.90	43.07	24
25	41.20	41.23	43.86	45.45	40.42	46.60	43.90	42.04	42.72	42.09	43.88	42.82	25
26	41.20	41.31	43.79	44.97	40,32	50.84	43.85	42.10	42.60	42.26	43.89	42.54	26
27	41.21	41.29	43.85	44.47	40.33	52.46	43.82	42.58	44.09	42.27	43.90	42.23	27
28	41.20	41.61	43.96	43.96	40.29	51.84	43.82	43.41	43.39	42.23	43.86	41.99	28
29	41.19	42.75	44.26	43.46		51.61	43.60	44.79	43.18	42.23	43.85	41.73	29
30	41.18	43.38	44.37	42.91		51.39	43.38	45.25	43.13	42.19	43.80	41.34	30
31	41.19	'''	44.27	42.34		50.49		45.36		42.18	43.87		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
2330	46.81	1-21-71	1345	47.93	3-26-71	2015	53.04	6-3-71	0730	45.59

NF - NO FLOW

	LOCATIO	И	MAXIMUM DISCHARGE			PERIOD O	F RECORD		DATU	ATUM OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 08 20	121 36 17	NE 23 15N 3E		82.42	12-24-1955	JUL 44-0CT 45 6	NOV 1943-DATE	1943		0.00	USED
						JAN 46-SEPT 63		1943		-3.0	USCGS

Station located at Sacramento Northern Railroad bridge. Backwater from Yuba River at times affects stage-discharge relationship. Drainage area is 3,977 square miles.

ö - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A06150 YUBA RIVER NEAR MARYSVILLE

•		•
	IN	FEET!

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	62.15	62.37	64.04	63.91	NR	61.77	62.26	61.64	63.17	63.25	62.33	62.41	1
2	61.95	62.38	64.92	64.04	64.05	61.42	61.64	61.41	63.45	62.94	62.31	62.48	2
3	62.16	62.37	63.90	63.96	64.05	61.38	61.12	61.43	NR	62.92	62.31	62.48	3
4	62.17	62.41	65.82	63.89	64.00	61.36	61.03	61.48	NR	62.82	62.32	62.49	4
5	62.17	62.45	64.51	63.87	63.87	61.32	61.20	61.50	NR	62.53	62.32	62.45	5
6	62.17	62.67	64.16	63.84	63.91	61.31	62.16	61.51	NR	62.50	62.20	62.47	6
7	62.15	63.17	64.02	63.82	63.98	61.29	62.36	61.48	NR	62.46	62.18	62.54	7
8	62.16	63.21	63.99	63.78	63.95	61.24	62.90	61.51	NR	62.41	62.31	62.58	8
9	62.16	63.19	63.96	63.78	63.96	60.97	62.88	61.56	63.03	62.41	62.18	62.59	9
10	62.16	63.09	63.91	63.78	63.95	60.36	62.97	61.77	63.04	62.42	62.24	62.50	10
-11	62.15	62.95	63.87	64.59	63.94	60.40	62.88	62.01	63.12	62.43	62.32	61.78	11
12	62.18	62.77	63.84	64.65	63.89	61.04	62.17	62.02	63.51	62.42	62.31	61.73	12
13	62.17	62.95	63.83	64.22	63.89	62.74	61.48	62.03	63.52	62.42	62.32	62.56	13
14	62.16	62.96	63.81	NR	63.89	62.57	60.62	62.01	63.54	62.42	62.33	62.96	14
15	62.17	62.95	63.81	NR	63.91	62.07	61.80	61.95	63.56	62.42	62.34	62.98	15
16	62.13	62.94	64.03	NR	63.90	61.95	61.82	61.94	63.56	62.43	62.32	62.82	16
17	62.10	62.94	64.19	NR	63.60	61.79	61.88	61.94	63.45	62.42	62.32	62.39	17
18	62.09	62.95	63.97	NR	63.22	61.59	61.85	61.94	64.17	62.43	62.33	61.78	18
19	62.09	62.95	63.92	NR	63.22	61.39	61.87	61.76	64.15	62.43	62.34	61.77	19
20	62.15	62.75	63.87	NR	63.21	60.65	62.10	61.54	64.23	62.43	62.35	61.77	20
21	62.15	62.45	64.13	NR	63.17	60.58	62.17	61.32	64.43	62.44	62.34	61.79	21
22	62.20	62.89	64.04	NR	63.02	60.54	62.06	61.07	64.11	62.71	62.35	61.80	22
23	62.28	62.88	63.91	NR	62.55	60.96	62.02	61.05	63.68	62.41	62.37	61.78	23
24	62.30	62.87	63.86	NR	62.31	62.03	62.00	61.05	63.98	61.09	62.39	61.76	24
25	62.33	63.06	63.82	NR	62.13	62.61	61.97	61.05	63.78	62.03	62.35	61.76	25
26	62.39	63.18	63.81	NR	61.88	67.87	61.90	61.26	63.45	62.34	62.41	61.76	26
27	62.40	63.09	63.85	NR	61.85	66.17	61.87	61.64	65.59	62.36	62.41	61.77	27
28	62.41	63.29	63.87	NR	61.86	64.52	61.83	62.19	64.69	62.35	62.42	61.76	28
29	62.33	63.91	64.18	NR		64.08	61.82	62.97	64.17	62.32	62.42	61.59	29
30	62.40	63.50	64.08	NR		63.58	61.82	63.01	63.45	62.28	62.41	61.32	30
31	62.41	1	63.89	NR		62.89		63.02		62.32	62.45	1	31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-2-70	0500	66.43	1-11-71	2100	65.10	3-26-71	1545	69.89			
12-4-70	1030	66.90	3-12-71	2330	63.76	6-27-71	0930	66.60			
<u></u>						I					

NF	_	NO	FLOW

	LOCATIO	N	MAX	KIMUM DISCH	IARGE	PERIOD O	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	100	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY			GAGE	DATUM
39 10 35	121 31 25		180,000	90.15	12-22-1964	JUL 39-DEC 44 6	MAY 1940-DATE	1939		0.00	USED
· ·	•	•				APR 45-DATE		1939		-2.95	USCGS

Station located 5 miles below Dry Creek, 4.2 miles northeast of Marysville. Maximum discharge listed for period 1943 to date. Records furnished by U. S. Geological Survey. Drainage area is 1,339 square miles.

^{6 -} Irrigation season only.

WATER YEAR STATION NO. STATION NAME 1971 A05120 FEATHER RIVER BELOW SHANGHAI BEND

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	36.00	36.10	38.51	39.75	37.21	34.63	44.59	37.93	40.51	38.07	36.83	38.67	1
2	35.93	36.14	39.82	39.86	37,02	34.41	43.66	37.80	40.72	37.77	36.79	38.66	2
3	35.93	36.19	39.71	39,96	36.86	34.39	42.82	37.83	40.70	37.74	36.78	38.63	3
4	35.96	36.15	41.59	39.82	36.68	34.38	40.54	37.89	40.51	37.74	36.76	38.63	4
5	35.96	36.54	42.30	39.51	36.61	34.35	39.57	37.91	40.46	37.52	36.77	38.59	5
6	35.98	36.47	40.89	39.11	36.59	34.32	39.98	37.84	40.42	37.49	36.76	38.57	6
7	35.97	36.80	40.17	38.84	36.56	34.30	40.13	37.79	40.37	37.40	36.77	38.66	7
8	35.96	36.79	40.32	38.72	36.53	34.39	40.80	37.81	39.97	37.06	36.79	38.70	8
9	35.97	36.75	40.54	38.41	36.51	34.94	40.82	37.83	39.54	36.84	36.77	38.74	9
10	35.98	36.71	40.29	38.36	36.48	35.68	40.84	38.04	39.17	36.85	36.88	38.73	10
11	35.94	36.54	40.49	38.78	36.46	36.39	40.86	38.42	39.10	36.85	37.47	38.27	11
12	35.94	36.46	40.47	40.02	36.40	37.19	40.37	38.42	39.02	36.82	38.13	38.17	12
13	35.97	36.38	40.39	40.20	36.39	39.73	40.49	38.42	38.88	36.84	38.55	38.54	13
14	35.97	36.46	40.33	40.51	36.37	41.33	40.11	38.41	38.92	36.85	38.66	39.28	14
15	35.95	36.43	40.31	40.62	36.37	41.67	40.49	38.32	38.93	36.87	38.64	39.80	15
16	35.95	36.40	40,49	41.68	36.37	41.69	40.60	38.29	38.85	36.89	38.64	40.13	16
17	35.94	36.41	40.49	42.20	36.19	41.68	40.63	38.31	38.78	36.87	38.66	39.60	17
18	35.92	36.40	40.66	42.13	35.79	41.57	40.57	38.34	38.89	36.90	37.96	38.70	18
19	35.92	36.40	40.10	42.45	35.75	41.52	40.53	37.74	38.57	36.89	38.24	38.21	19
20	36.01	36.40	39.42	43.54	35.73	41.21	40.70	37.16	37.93	36.89	38.62	38.13	20
21	36.03	35.98	39.27	43.72	35,70	41.14	40.34	36.84	37.70	36.91	38.62	38.19	21
22	36.05	36.35	39.36	43.44	35.58	41.08	39.82	36.47	37.72	37.12	38.63	38.18	22
23	36.09	36.37	40.02	43.31	35.27	40.85	39.30	36.37	37.62	36.93	38.66	37.91	23
24	36.13	36.25	39.78	41.86	35.06	41.26	38.80	36.32	37.93	36.38	38.67	37.60	24
25	36.12	36.19	39.28	41.23	34.94	41.75	38.65	36.30	37.82	36.50	38.66	37.33	25
26	36.13	36.33	39.18	40.67	34.71	46.52	38.57	36.38	37.60	36.89	38.66	37.01	26
27	36.15	36.30	39.22	40.11	34.72	48.53	38.52	36.96	39.56	36.90	38.66	36.68	27
28	36.14	36.54	39.34	39.55	34.69	47.79	38.50	37.96	38.83	36.87	38.63	36.41	28
29	36.14	37.74	39.71	38.97		47.53	38.29	39.70	38.45	36.86	38.62	36.13	29
30	36.06	38.57	39.89	38.34		47.25	38.01	40.32	38.20	36.81	38.56	35.66	30
31	36.12		39.74	37.71		46.31		40.46	/	36.81	38.64		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

- ESTIMATED

STAGE DATE TIME STAGE DATE TIME TIME STAGE DATE TIME STAGE DATE 0815 3-26-71 12-5-70 0145 40.08 1-23-71 0245 43.93 2245 48.95 6-3-71 40.82

NR - NO RECORD NF - NO FLOW

	LOCATIO	И	M	AXIMUM DISCH	IARGE	PERIOD O	F RECORD		DATU	UM OF GAGE	
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	HOD	ZERO	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
39 04 44	121 36 08	NE 11 14N 3E		76.8	12-24-1955	JUN 44-OCT 45 0 JAN 46-DATE	NOV 26-MAY 37 # OCT 37-MAY 39 NOV 39-JUL 41 NOV 41-JUL 43 # OCT 43-DATE	1926 1926		0.00 -3.01	USED USCGS

Station located approximately 4 miles south of Yuba City. Flow partly regulated by reservoirs and powerplants. Drainage area is 5,337 square miles.

[&]quot; - Irrigation season only.
- Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A06550 BEAR RIVER NEAR WHEATLAND

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.53	NR	5,25	7.52	7.16	5.45	NR	6.00	6.14	4.43	4.31	4.86	1
2	4.58	NR	5.35	7.26	7.17	5.32	NR	5.92	6.16	4.61	4.24	4.20	2
3	4.59	NR	7.39	6.90	7.12	5.28	NR	5.98	5.99	4.35	4.27	4.27	3
4	4.60	NR	13.63	6.58	7.10	5.34	NR	6.27	5.93	4.36	4.26	4.24	4
5	4.58	4.84	11.79	6.32	7.00	5.45	NR	6.37	6.03	4.64	4.24	4.28	5
6	4.56	4.89	9.52	6.16	6.94	5.65	NR	6.21	5.96	4.50	4.25	4.32	6
7	4.56	4.87	8.49	6.08	6.93	5.82	NR	6.10	5.87	4.67	4.32	4.28	7
8	4.52	4.86	8.01	6.02	6.93	5.70	NR	6.36	5.73	4.78	4.31	4.20	8
9	4.54	4.85	7.73	5.94	6.91	6.25	NR	6.57	5.34	4.56	4.23	4.19	9
10	4.54	4.85	7.69	5.90	6.84	6.70	NR	6.27	5.25	4.28	4.17	4.14	10
11	4.54	4.84	7.60	6.55	6.77	6.83	NR	6.29	5.21	4.57	4.14	4.12	11
12	4.56	4.83	7.40	7.76	6.75	7.17	NR	6.07	5.15	4.28	4.13	4.13	12
13	4.57	4.83	7.28	8.14	6.93	NR	NR	5.89	5.31	4.22	4.13	4.18	13
14	4.57	4.83	7.16	8.18	6.87	NR	NR.	5.75	5.44	4.25	4.14	4.20	14
15	4.60	4.83	7.17	7.99	6.93	NR	NR	5.85	5.20	4.25	4.14	4.44	15
16	4.59	4.83	7.67	7.77	6.94	NR	NR	5.82	5.25	4.22	4.16	4.73	16
17	4.58	4.83	8.52	7.74	6.98	NR	NR	5.95	5.06	4.22	4.17	4.43	17
18	4.58	4.84	8.28	8.05	6.94	NR	NR	5.99	5.11	4.23	4.17	4.64	18
19	4.59	4.84	7.93	8.44	6.95	NR	6.88	5.93	4.70	4.23	4.18	4.60	19
20	4.59	4.84	7.57	8.29	6.86	NR.	6.82	5.87	4.88	4.23	4.15	4.57	20
21	4.55	4.84	7.89	8.03	6.58	NR.	6.89	5.78	4.78	4.26	4.19	4.56	21
22	4.57	4.84	8.10	7.84	6.39	NR	6.81	5.83	4.64	4.25	4.25	4.57	22
23	4.57	4.84	7.78	7.68	6.43	NR	6.70	5.86	4.51	4.26	4.28	4.58	23
24	4.57	4.86	7.53	7.63	6.38	NR	6.58	5.84	4.88	4.26	4.23	4.57	24
25	4.54	4.88	7.14	7.63	6.30	NR	6.53	5.72	4.73	4.31	4.22	4.56	25
26	4.53	4.87	6.68	7.44	6.13	NR	6.86	5.61	4.63	4.30	4.18	4.58	26
27	4.90	4.88	6.47	7.26	5.83	NR	6.59	5.83	5.17	4.30	4.17	4.60	27
28	NR	5.02	6.57	7.35	5.63	NR	5.43	5.90	5.00	4.29	4.17	4.64	28
29	NR	5.47	7.65	7.34	1	NR	5.75	5.86	4.32	4.30	4.18	4.66	29
30	NR	5.10	8.59	7.26	1	NR	5.96	5.86	4.34	4.31	4.12	4.67	30
31	NR		8.05	7.22	1	NR		5.98		4.46	4.13		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-4-70	1330	15.35									

	LOCATION	٧	MA	XIMUM DISCH	HARGE	PERIOD (OF RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
LATITUDE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то		DATUM
39 00 00	121 24 20	SW 3 13N 5E	33,000	19.30	12-22-1955	OCT 1928-DATE	OCT 1928-DATE	1928 1943 1964 1970	1943 1964 1970	81.50 78.92 76.92 71.92	USCGS USCGS USCGS

Station located 100 feet below U. S. Highway 99E bridge, 1 mile southeast of Wheatland. Tributary to Feather River. Flow regulated by Camp Far West Reservoir. Records furnished by U. S. Geological Survey. Drainage area is 292 square miles.

WATER YEAR STATION NO. STATION NAME

1971 A05103 FEATHER RIVER AT NICOLAUS

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	23.92	24.15	30.70	30.09	29.30	23.16	35.10	25.88	28.72	26.24	25.13	26.85	1
2	23.98	24.15	34.08	30.00	28.37	22.99	33.80	25.76	28.94	25.96	25.14	26.89	2
3	23.87	24.23	35.07	29.98	27.81	22.92	32.93	25.75	28.98	25.87	25.11	26.89	3
4	23.95	24.24	35.80	29.67	27.37	22.95	31.24	25.83	28.75	25.92	25.11	26.89	4
5	23.95	24.47	37.42	29.21	27.04	22.95	29.64	25.94	28.69	25.75	25.10	26.88	5
6	23.95	24.56	36.15	28.50	26.76	22.94	29.22	25.94	28.62	25.66	25.11	26.82	6
7	23.96	24.81	35.72	28.02	26.47	22.96	29.03	25.88	28.56	25.63	25.12	26.84	7
8	23.95	24.86	35.50	27.66	26.09	22.98	29.37	25.88	28.25	25.38	25.12	26.88	8
9	23.96	24.80	35.33	27.28	25.77	23.41	29.44	26.01	27.76	25.12	25.14	26.96	9
10	23.97	24.78	35.21	27.02	25.54	24.08	29.36	26.05	27.31	25.09	25.14	27.01	10
11	23.96	24.61	35.31	27.11	25.38	24.81	29.41	26.51	27.17	25.09	25.26	26.71	11
12	23.96	24.61	35.24	28.79	25.28	25.55	28.93	26.64	27.13	25.10	25.56	26.52	12
13	23.98	24.41	34.97	29.29	25.23	28.24	28.91	26.61	26.96	25.09	25.95	26.61	13
14	23.99	24.50	34.62	29.70	25.14	30.15	28.55	26.60	26.97	25.09	26.26	27.39	14
15	23.98	24.47	34.21	29.64	25.09	30.57	28.72	26.55	27.01	25.10	26.47	27.91	15
16	23.98	24.44	33.92	30.23	25.07	30.52	28.98	26.51	26.99	25.11	26.61	28.40	16
17	23.98	24.46	33.99	31.00	24.96	30.43	28.99	26.55	26.88	25.12	26.69	28.11	17
18	23.97	24.46	33.93	31.83	24.57	30.23	28.94	26.59	26.85	25.11	26.66	27.29	18
19	23.97	24.45	33.65	33.78	24.44	30.11	28.80	26.24	26.88	25.14	25.97	26.70	19
20	23.98	24.46	33.23	36.14	24.41	29.81	28.85	25.67	26.10	25.13	26.80	26.55	20
21	24.05	24.10	32.96	36.43	24.28	29.64	28.64	25.33	25.92	25.14	26.82	26.57	21
22	24.06	24.43	33.04	36.25	24.18	29.56	28.10	25.01	25.80	25.29	26.81	26.61	22
23	24.09	24.47	33.10	35.97	23.90	29.43	27.52	24.85	25.80	25.24	26.82	26.46	23
24	24.13	24.38	32.89	35.28	23.67	29.75	26.94	24.75	25.89	24.96	26.83	26.17	24
25	24.14	24.26	32.06	34.80	23.45	30.25	26.62	24.68	25.96	24.48	26.84	25.96	25
26	24.17	24.34	31.08	34.35	23.33	34.37	26.58	24.66	25.80	25.18	26.84	25.71	26
27	24.18	24.47	30.14	33.88	23.24	38.67	26.55	25.01	26.91	25.17	26.85	25.46	27
28	24.19	24.70	29.57	33.40	23.21	38.06	26.36	25.80	27.32	25.17	26.88	25.21	28
29	24.19	26.50	29.49	32.79		37.69	26.18	27.36	26.60	25.15	26.86	24.95	29
30	24.13	29.18	30.25	31.81		37.33	25.91	28.35	26.37	25.15	26.82	24.73	30
31	24.17		30.22	30.55		36.59		28.64	1	25.11	26.81		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-5-70	0700	37.78	1-21-71	0300	36.45	3-15-71	1330	30.60	3-27-71	1030	38.87
<u></u>											

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD OF	RECORD		DATU	M OF GAGE	
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LUNGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	PERIOD FROM TO 1920	GAGE	DATUM	
38 54 00	121 35 00	SE 12 12N 3E	357,000	51.60	12-23-1955	JUN 21-OCT 28 0 JAN 39-DATE	1920-DATE	1920 1920		0.00 -3.30	USED USCGS

Station located at State Highway 99 bridge, 2.9 miles below Bear River, 0.5 mile southwest of Nicolaus. Backwater at times affects the stage-discharge relationship. Flow partly regulated by reservoirs and powerplants. Maximum discharge of record is for period 1943 to date. Records furnished by U. S. Geological Survey. Drainage area is approximately 5,921 square miles (revised).

" - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A02150 SACRAMENTO RIVER AT VERONA

(IN FEET)

DAY	ОСТ.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	14.67	14.68	28,62	27.06	27.22	15.64	31.14	17.54	22.45	18.07	16.44	19.41	1
2	14.84	14.65	32.23	27.09	26.15	15.42	30.16	17.83	22.55	17.84	16.67	19.51	2
3	14.78	14.79	33.10	26.73	25.47	15.11	29.23	18.30	22.60	17.54	16.77	19.46	3
3	14.78	14.81	33.11	26.39	24.80	14.95	28.20	18.83	22.37	17.41	16.76	19.35	4
:	14.72	15.09	33.95	25.82	NR	14.88	26.86	19.32	22.04	17.28	16.66	19.05	s
5	14.72	15.09	33.73		1						10.00	17.03	,
6	14.67	15.55	33.72	25.10	NR	14.83	25.87	19.69	21.77	17.12	16.66	18.73	6
7	14.65	16.23	33.70	24.27	NR	14.76	25.30	20.02	21.55	16.93	16.71	18.65	7
	14.52	17.21	33.55	23.67	NR	14.74	25.09	20.29	21.20	16.60	16.66	18.67	8
,	14.53	17.37	33.42	23.15	22.22	14.86	24.92	20.64	20.61	16.26	16.64	18.71	9
	14.56	17.20	33.42	22.55	21.90	15.22	24.47	20.94	20.03	16.07	16.61	18.82	10
10	14.50	17.20	33.42								10101	10.00	"
11	14.54	17.94	33.50	22.35	21.57	15.67	24.11	21.37	19.70	16.10	16.85	18.83	111
12	14.57	18.84	33.49	22.90	21.39	16.20	23.88	21.55	19.54	16.20	17.29	18.85	12
	14.60	17.89	33.29	24.05	21.09	18.24	23.74	21.54	19.32	16.22	17.70	18.79	13
13	14.66	17.35	32.80	24.32	20.77	22.44	23.55	21.50	19.24	16.19	17.95	19.16	14
14	14.57	16.90	32.27	24.18	20.42	24.26	23.40	21.51	19.15	16.16	18.09	19.64	15
15	14.37	16.90	32.27	24.10	20.42	24.20			1,,,,,	10.20	10.09	17.04	13
16	14.51	16.51	31.95	24.21	20.03	24.01	23.42	21.55	18.96	16.16	18.18	19.97	16
17	14.43	16.28	31.78	25.73	19.75	23.75	23.33	21.55	18.76	16.13	18.20	19.97	17
18	14.35	16.60	31.70	27.86	19.40	23.18	22.96	21.48	18.58	16.16	18.20	19.47	18
19	14.36	17.39	31.58	31.20	19.10	22,42	22.41	21.20	18.59	16.30	17.58	18.80	19
20	14.46	18.00	31.30	33.73	18.74	21.74	22.00	20.63	18.07	16.24	18.11	18.46	20
20	14.40	10.00	31.50	331,3	20171						10.22	200.0	10
21	14.70	18.20	31.10	33.92	18.21	21.17	21.69	20.24	17.74	16.15	18.26	18.45	21
22	14.82	18.34	31.09	33.74	17.72	20.75	21.26	20.01	17.49	16.07	18.35	18.45	22
23	15.02	18.49	31.02	33.50	17.28	20.50	20.60	19.72	17.45	16.15	18.52	18.47	23
24	15.19	18.50	30.70	33.11	16.94	20.58	19.88	19.24	17.44	15.96	18.60	18.27	24
25	15.16	18.51	29.88	32.72	16.48	21.77	19.23	18.82	17.60	15.61	18.67	18.05	25
**	13.10	10.51	27.00	32.72	10.40		17.1-0				10.07	10.05	23
26	15.20	18.90	28.80	32.36	16.18	24.74	18.84	18.67	17.51	16.09	18.78	17.83	26
27	15.05	20.11	27.61	31.93	15.98	29.41	18.48	18.79	17.82	16.20	18.84	17.56	27
28	14.95	20.80	26.60	31.49	15.81	31.75	18.24	19.43	19.06	16.08	18.93	17.36	28
29	14.88	23.30	26.17	30.90		32.62	17.96	20.64	18.80	16.01	18.97	17.19	29
30	14.82	26.51	26.56	29.90		32.49	17.58	21.83	18.39	16.10	19.04	16.97	30
31	14.69	1 20.52	26.94	28.58		31.97		22.33		16.24	19.20		31
3'	14.09	1	20.74	20.30		52.77					1		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-5-70		33.95	1-2-71		27.09	1-21-71	0400	33.96	3-29-71	1800	32.70
									L		

	LOCATIO	И	МА	XIMUM DISCH	ARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	IOD	Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 46 50	121 36 10	SE 23 11N 3E	79,200	41.20	3-1-1940	MAY 26-OCT 28 6 MAY 29-DATE	MAY 1926-DATE	1926		-0.06 -3.00	USED

Station located 0.8 mile southeast of Verona, 1.0 mile below the Feather River. Records furnished by U. S. Geological Survey. Drainage area is 21,275 square miles.

^{8 -} Irrigation season only.

WATER YEAR STATION NO. STATION NAME SACRAMENTO RIVER AT SACRAMENTO 1971 A02100

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4.91	4.59	16.08	15.58	15.43	5.43	18.46	7.02	10.20	7.59	5.81	8.46	1
2	5.11	4.62	19.36	15.55	14.29	5.11	17.61	7.05	10.27	7.50	5.97	8.54	2
3	5.27	4.77	20.93	15.40	13.49	4.89	16.75	7.40	10.41	7.33	6.14	8.46	3
4	5.22	5.02	21.14	14.79	13.00	4.96	15.88	7.75	10.29	7.29	6.17	8.44	4
5	5.09	5.05	21.81	13.70	12.47	4.77	14.82	8.09	10.02	7.28	6.23	8.39	5
6	4.95	5.24	21.59	12.86	12.05	4.59	13.87	8.56	9.85	7.28	6.46	8.22	6
7	4.40	5.41	21,47	12.27	11.69	4.62	13.27	8.92	9.74	7.23	6.54	7.97	7
· i	4.22	5.88	21.34	11.80	11.18	4.68	12.92	9.11	9.60	7.03	6.49	7.96	8
,	4.27	6.15	21.17	11.40	10.61	4.71	12.87	9.28	9.27	6.78	6.50	8.04	9
10	4.51	6.08	20.94	11.05	10.13	4.79	12.57	9.58	8.83	6.51	6.47	8.12	10
11	4.58	6.61	21.06	10.81	9.83	4.98	12.18	9.95	8.50	6.38	6.65	8.14	11
12	4.74	7.44	21.14	11.04	9.69	5.74	11.99	10.15	8.36	6.36	6.97	8.09	12
13	4.76	6.88	20.95	11.95	9.54	6.72	11.86	10.06	8.18	6.31	7.23	7.98	13
	4.84	6.49	20.62	12.28	9.32	9.10	11.79	9.99	7.96	6.30	7.42	8.06	14
14 15	4.76	6.30	20.23	12.21	9.17	11.00	11.64	10.03	7.82	6.46	7.56	8.28	15
15	4.70	0.30	20.23	12.21	""								
16	4.68	6.10	19.92	12.98	8.84	10.96	11.52	9.90	7.71	6.52	7.64	8.42	16
17	4.64	5.98	19.71	13.87	8.74	10.70	11.33	9.74	7.69	6.61	7.65	8.75	17
18	4.52	6.02	19.61	15.59	8.40	10.37	11.02	9.74	7.75	6.56	7.64	8.62	18
19	4.50	6.42	19.45	18.01	8.03	9.87	10.58	9.61	7.97	6.69	7.40	8.08	19
20	4.58	6.82	19.22	20.80	7.60	9.46	10.35	9.21	7.91	6.75	7.54	7.75	20
20	4.30	0.02	17.22						1				
21	4.54	7.12	19.10	21.34	7.36	9.07	10.09	8.93	7.67	6.72	7.54	7.84	21
22	4.55	7.21	18.99	21.30	7.17	8.77	9.79	8.69	7.58	6.60	7.41	7.80	22
23	4.58	7.30	18.88	21.09	6.83	8.65	9.40	8.62	7.56	6.60	7.15	7.80	23
24	4.68	7.41	18.76	20.80	6.53	8.60	8.89	8.38	7.49	6.48	7.23	7.80	24
25	4.67	7.70	18.22	20.48	6.16	9.27	8.40	8.17	7.57	6.27	7.75	7.59	25
26	4.58	8.06	17.31	20.00	5.62	11.21	8.20	8.02	7.42	6.33	8.03	7.31	26
27	4.42	8.79	16.29	19.45	5.64	14.67	7.96	8.00	7.32	6.37	8.07	6.91	27
28	4.42	9.88	15.42	18.97	5.68	17.13	7.86	8.15	8.17	6.16	8.11	6.58	28
29	4.48	11.84	15.00	18.50	3.00	18.43	7.58	8.81	8.07	5.94	8.14	6.39	29
30	4.48	14.36	15.15	17.72		18.73	7.06	9.77	7.79	5.79	8.22	6.34	30
31	4.64	14.30	15.52	16.63		18.85	. , , ,	10.17		5.77	8.31		31
3'	4.04		15.52	10.05				1					1

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

- ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-5-70	1245	21.90	1-21-71	1245	21.40	3-31-71	1445	18.99			
						İ		- 1			

	LOCATIO	И	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LATITUDE LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 35 20	121 30 15	NW 35 9N 4E	104,000	30.14	11-21-1950	04- 05 JUN 21-NOV 21 MAY 24-DEC 42 0	JAN 04-JULY 05 20-DATE	1904 1956 1956	1956	0.12 0.00 2.98	USCGS USCGS USED
						MAY 43-DATE		1965	1965	-0.23 0.00	USCGS

Station located 1,000 feet above I Street bridge, 0.5 mile below the American River. Below approximately 30,000 cfs the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then in use. Drainage area is 23,530 square miles.

 $[\]ddot{\circ}$ - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A07175 AMERICAN RIVER AT FAIR OAKS

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.78	6.43	8.93	9,69	8.66	6.89	8.47	7,98	7.74	8.29	6.54	7.99	1
2	7.78	6.44	9.14	9.71	8.29	6.86	8.48	8,00	7.75	8.28	6.26	7.99	2
3	7.77	6.44	9.61	9.67	8.29	6.70	8.51	8.01	7.74	8.28	6.26	8.01	3
4	7.47	6.44	9,61	8.74	8.21	6.70	8.48	8.03	7.74	8.29	6.34	8.01	4
5	7.15	6.44	9.61	7.98	7.78	6.71	8,48	8.00	7.78	8.29	7.09	8.01	5
-							0,10	0.00	/./0	0.27	/.09	0.01	
6	6.73	6.44	9.62	7.98	7.72	6.71	8.49	7.98	7.73	8.31	7.69	8.01	6
7	6.21	6.44	9.58	8.01	7.72	6.70	8,46	8.00	7.73	8.26	7.72	8.01	7
8	6.04	6.45	9.54	8.01	7.71	6.68	8.51	8.01	7.74	8.27	7.76	8.01	8
9	6.09	6.44	9,56	8.02	7.72	6.42	8.51	7.99	7.73	8.27	7.99	8.01	9
10	6.23	6.46	9.27	8.01	7.72	6.17	8.52	7.98	7.72	8.28	8.00	7.99	10
								''''	/ / / -	0.20	0.00	/.//	
11	6.23	6.70	9.61	8.02	7.72	6.16	8.52	8,00	7.71	8.26	7,98	8.01	- 31
12	6.24	6.71	9.63	8.03	7.73	6.18	8.51	7.95	7.71	8.25	7.98	8.00	12
13	6.24	6.70	9.61	8.02	7.74	6.22	8.48	7.97	7.69	8.27	7.98	7.73	13
14	6.24	6.74	9.60	8.02	7.74	6.20	8.48	8.02	7.71	8.27	7.98	7.42	14
15	6.24	7.04	9.54	8.70	7.74	6.16	8.48	8.02	7.73	8.32	7.98	7.42	15
.	0154	/	7,54	0.70	/./-	0.10	0.40	0.02	/./3	0.32	7.98	7.08	13
16	6.25	7.12	9.60	9.73	7.74	6.15	8.04	7.98	7.74	8.31	7.99	6.61	16
17	6.24	7.39	9.53	9.73	7.72	6.16	8.00	7.96	7.74	8.31	8.02	7.66	17
18	6.25	7.42	9.48	9.72	7.43	6.17	7.97	8.02	7.77	8.32	8.03	7.71	18
19	6.25	7.41	9.45	9 72	7.42	6,22	7.98	8.02	8.33	8.31	8.03	7.72	19
20	6.25	7.43	9.47	9.55	7.42	6.23	8.03	8.03	8.48	8.32	7.98	7.73	20
		''''	-, .,	7.55	/	0.23	0.05	0.03	0.40	0.32	/.70	/./3	
21	6.25	7.43	9.44	9.45	7.41	6,22	8.04	7.98	8.49	8.23	7.67	7.73	21
22	6.25	7.43	9.42	9.47	7.41	6.14	8.05	7.75	8.51	8,25	7.33	7.70	22
23	6.27	7.42	9.43	9.47	7.11	6.14	8.03	7.77	8.52	8.26	6.04	7.71	23
24	6.47	7.43	9.50	9.48	7,06	6.14	8,04	7.77	8.52	8.26	7.39	7.72	24
25	6.45	7.43	9.50	9.47	7.07	6.14	8.02	7.77	8.49	8.28			25
			7,30	2.47	//	0.14	0.02	/ . / /	0.49	0.20	7.94	7.70	23
26	6.46	7.43	9.51	9.04	7.07	6.19	7.98	7.77	8.28	8,28	8.00	7.43	26
27	6.49	7.42	9.53	8.71	7.07	6,22	8.03	7.77	8.28	8.26	8.01	7.05	27
28	6.51	7.43	9,61	8.65	7.03	6.21	8.00	7.73	8.29	7.97	8.00	6.36	28
29	6.51	7.48	9.69	8.65	1	6.14	8.03	7.74	8.29	7.70	8.00		29
30	6.48	8.19	9.69	8.65		6.38	7.98	7.74	8.29	7.70	8.02	6.23	30
31	6.43	,	9.69	8.66		8.36	7.70	7.74	0.29			6.21	
•	0.43		2.03	0.00		0.30		7.74		6.99	8.00		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-15	2200	9.73									

NF - NO FLOW

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD	OF RECORD		DATU	M OF GAGE	
LATITUDE	TUDE LONGITUDE 1/4 SEC. T. & R. M.D.B.&M.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.	
	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCIAROE	ONLY	FROM	то	GAGE	DATUM
38 38 08	121 13 36	NE 17 9N 7E	180,000	31.85	11-21-1950	NOV 1904-DATE	NOV 1904-DATE	1904	1930	65.79	USCGS
								1930 1957	1957	64.79 77.53	USCGS
								1937	1970	71.53	USCGS

Station located 2,100 feet below Nimbus Dam, 2.4 miles east of Fair Oaka. Flow regulated by Folsom Lake. Maximum discharge listed at site and datum then in use. Records furnished by U. S. Geological Survey. Drainage area is 1,888 square miles.

WATER YEAR STATION NO. STATION NAME

1971 A07140 AMERICAN RIVER AT SACRAMENTO

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	18.73	NR	20.95	21.61	20.50	18.12	22.40	19.03	18.78	19.27	17.86	19.00	1
2	18.73	NR	23.43	21.64	19.77	18.10	21.75	19.07	18.78	19.27	17.61	19.01	2
3	17.74	NR	24.97	21.57	19.51	17.99	21.14	19.06	18.77	19.27	17.60	19.02	3
4	18.55	NR	NR	20.61	19.40	17.97	20.57	19.07	18.77	19.28	17.60	19.02	4
5	18.30	NR	NR	19.28	. 18.96	17.97	20.05	19.05	18.79	19.28	18.10	19.02	5
6	18.01	NR	NR	19.11	18.83	17.96	19.77	19.04	18.77	19.30	18.67	19.02	6
7	17.67	17.79	NR	19.09	18.81	17.96	19.64	19.05	18.75	19.25	18.74	19.03	7
8	17.50	17.77	NR	19.07	18.81	17.96	19.63	19.08	18.76	19.26	18.77	19.02	8
9	17.42	17.77	NR	19.07	18.81	17.81	19.63	19.05	18.76	19.26	18.97	19.01	9
10	17.59	17.76	NR	19.06	18.81	17.62	19.61	19.03	18.75	19.27	19.00	18.99	10
111	17.59	17.91	NR	19.08	18.82	17.57	19.59	19.03	18.74	19.25	18.98	19.01	111
12	NR	17.95	25.17	19.09	18.82	17.67	19.57	18.99	18.74	19.24	18.98	19.03	12
13	NR	17.95	25.00	19.10	18.82	17.62	19.56	18.99	18.74	19.23	18.98	18.79	13
14	NR	17.95	24.72	19.09	18.82	17.61	19.57	19.03	18.74	19.24	18.99	18.54	14
15	NR	18.15	24.36	19.48	18.82	17.57	19.55	19.05	18.76	19.29	18.99	18.26	15
16	NR	18.22	24.16	21.07	18.82	17.56	19.16	19.05	18.77	19.29	18.99	17.87	16
17	NR	18.44	23.95	21.20	18.82	17.57	19.06	18.99	18.76	19.30	19.01	18.57	17
18	NR.	18.49	23.84	21.63	18.61	17.56	19.02	19.03	18.77	19.30	19.03	18.71	18
19	NR	18.49	23.69	22.85	18.55	17.58	19.00	19.04	19.26	19.29	19.03	18.72	19
20	NR	18.51	23.50	24.85	18.54	17.62	19.06	19.04	19.49	19.29	19.03	18.72	20
21	NR	18.53	23.43	25.26	18.54	17.61	19.07	19.02	19.50	19.25	18.75	18.73	21
22	NR	18.52	23.30	25.23	18.54	17.55	19.08	18.80	19.52	19.23	18.47	18.69	22
23	NR	18.51	23.23	25.05	18.34	17.60	19.05	18.80	19.53	19.26	17.59	18.69	23
24	NR	18.52	23.18	24.82	18.25	17.56	19.06	18.79	19.52	19.26	18.27	18.72	24
25	NR	18.57	22.82	24.56	18.25	17.62	19.05	18.80	19.52	19.30	18.88	18.73	25
26	NR	18.56	22.27	23.99	18.25	17.66	19.01	18.80	19.31	19.29	19.00	18.53	26
27	NR	18.52	21.73	23.36	18.25	18.55	19.04	18.82	19.27	19.28	19.01	18.25	27
28	NR	18.76	21.43	22.91	18.25	20.67	19.03	18.79	19.28	19.01	19.01	17.80	28
29	NR	18.98	21.44	22.53		21.90	19.07	18.80	19.27	18.77	19.02	17.61	29
30	NR	19.55	21.46	21.92	1	22.17	19.03	18.79	19.27	18.46	19.03	17.58	30
31	NR		21.58	21.17		22.65		18.78		18.18	19.00		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
1-21-71	1300	25.30	3-31-71	1245	22.88						
1-21-71	1300	25.30	3-31-71	1245	22.88						

NF - NO FLOW

	LOCATIO	N			MA	XIMUM DISCI	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 \$	EC. T.	& R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	RIDD	ZERO	REF.
LATITUDE	LONGITUDE	M	D.B.&	м.	CFS	GAGE HT.	DATE	DISCHARGE	DNLY	FROM	то	GAGE	DATUM
38 34 08	121 25 22	SW 3	8N	5E	176,000	45.73	11-21-1950	JUL 21-OCT 21	JUL 21-OCT 21	1921		0.00	USED
								MAY 24-DEC 42 ö MAY 43-SEPT 59	JUN 24-NOV 24 JUN 1925-DATE	1921		-3.07	USCGS

Station located at H Street bridge. Backwater at times affects the stage-discharge relationship. Maximum discharge of record listed is for period 1921, 1929-1932, 1934 to date. Maximum gage height listed does not necessarily indicate maximum discharge. Drainage area is 1,937 square miles.

" - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 A81820 SCOTTS CREEK AT UPPER LAKE

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	3.25 3.25 3.21 3.16 3.11	4.12 4.20 4.31 4.68 4.92	8.55 9.99 12.10 15.89 12.98	8.13 8.00 7.81 7.65 7.51	7.92 7.87 7.86 7.86 7.86	NR NR NR NR	NR NR NR NR	8.87 8.87 8.86 8.85 8.83	8.24 8.21 8.19 8.15 8.13	7.07 7.02 7.00 6.95 6.91	5.67 5.63 5.56 5.54 5.49	2.77 2.71 2.70 2.77 2.79	1 2 3 4 5
6 7 8 9	3.10 3.07 3.02 2.98 2.98	4.94 4.90 4.88 4.89 4.89	9.96 8.38 8.26 8.12 7.77	7.40 7.32 7.27 7.23 7.27	7.88 7.89 7.89 7.90 7.90	NR NR NR NR	NR NR NR NR	8.86 8.84 8.85 8.82 8.82	8.10 8.07 8.03 7.97 7.96	6.88 6.82 6.75 6.70 6.64	5.44 5.37 5.26 5.15 4.97	2.78 2.77 2.75 2.74 2.71	6 7 8 9
11 12 13 14 15	3.00 3.02 3.07 3.13 3.14	4.89 5.61 5.75 5.71 5.66	7.49 7.25 7.06 6.91 6.89	7.45 7.56 7.67 8.07 9.95	7.91 7.92 7.92 7.93 7.91	NR NR NR NR	NR NR 8.96 8.99	8.81 8.79 8.76 8.74 8.68	7.94 7.90 7.85 7.82 7.79	6.63 6.60 6.57 6.53 6.49	4.85 4.76 4.69 3.22 2.57	2.69 2.67 2.66 2.71 2.76	11 12 13 14 15
16 17 18 19 20	3.15 3.20 3.25 3.27 3.38	5.63 5.61 4.55 2.09 2.09	7.85 8.23 8.19 7.96 7.92	14.97 16.19 13.47 11.20 9.80	7.95 7.90 7.94 7.92 7.96	NR NR NR NR	8.97 8.96 8.97 8.98 8.92	8.67 8.68 8.64 8.60 8.49	7.74 7.70 7.64 7.62 7.58	6.45 6.42 6.36 6.32 6.26	2.71 2.80 2.87 2.91 2.90	2.82 2.88 2.93 2.97 3.01	16 17 18 19 20
21 22 23 24 25	3.44 3.54 3.58 3.67 3.70	2.09 2.09 2.09 2.09 2.98	8.07 8.01 7.88 7.73 7.58	9.18 8.90 8.72 8.58 8.45	7.96 7.92 7.96 7.91 NR	NR NR NR NR	8.95 8.96 8.91 8.88 8.93	8.51 8.51 8.49 8.45 8.39	7.55 7.48 7.42 7.37 7.31	6.21 6.16 6.11 6.06 6.02	2.90 2.89 2.90 2.95 3.01	3.04 3.06 3.09 3.12 3.14	21 22 23 24 25
26 27 28 29 30 31	3.74 3.80 3.84 3.90 3.96 4.04	3.81 4.40 7.86 8.09 8.27	7.47 7.37 7.47 8.77 8.63 8.33	8.33 8.22 8.12 8.03 7.98 7.95	NR NR NR	NR NR NR NR NR	8.93 8.90 8.89 8.88 8.88	8.37 8.39 8.36 8.32 8.23 8.24	7.28 7.22 7.19 7.16 7.12	5.96 5.91 5.86 5.82 5.75 5.70	3.01 2.99 2.96 2.92 2.81 2.80	3.16 3.18 3.20 3.24 3.27	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE

	LOCATION	4	MA	XIMUM DISCH	ARGE	PERIOD (DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
39 09 32	122 55 13	SW12 15N 10W		22.14	12/23/64		NOV 59-DATE	1959		1321.2	USCGS

Station located 0.1 mi. above State Highway 29 bridge, 0.7 mi. SW of Upper Lake. Gage height reflects the elevation of Clear Lake as well as flow of Scotts Creek.

WATER YEAR STATION NO. STATION NAME

1971 A08125 CACHE CREEK AT YOLO

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1		NF	53.80	54.13	52.76	49.63	54.91	48.74	48.83	48.99	48.98	49.11	1
2		NF	55.18	54.19	52.69	49.61	54.93	48.77	48.85	48.97	49.02	48.93	2
3		NF	54.66	53.89	52.61	49.59	54.87	49.03	48.82	49.00	48.90	48.80	3
4		NF	66.02	53.59	51.06	49.57	53.13	49.10	48.80	49.12	48.78	NF	4
5		NF	57.62	53.39	50.72	49.55	50.67	48.97	48.88	49.09	NR.	48.72	5
6		NF	54.19	53.52	50.58	49.51	50.26	48.94	48.97	48.97	48.74	48.76	6
7		NF	53.03	51.98	50.48	49.51	49.79	48.90	48.96	48.71	49.03	48.86	7
8		NF	52.52	51.02	50.39	49.51	49.55	48.90	48.77	NF	49.07	49.01	8
9		NF	52.50	50.82	50.31	49.33	49.33	48.96	NF	48.71	49.11	48.91	9
10	N	NF	52.08	50.67	50.24	49.23	49.17	49.01	48.83	49.06	49.09	48.82	10
11	0	NF	51.69	50.60	50.20	49.21	49.17	48.98	48.92	49.11	49.03	48.85	11
12		NF	51.39	51.11	50.13	49.22	49.26	48.75	48.74	49.06	48.84	48.78	12
13		NF	51.17	51.52	50.07	52.67	49.08	48.71	NF	48.97	48.75	48.81	13
14		NF	51.00	52.66	50.04	51.71	48.98	48.69	48.79	48.91	48.76	48.83	14
15	F	NF	50.86	53.72	50.00	51.04	48.98	48.68	48.99	48.96	NF	48.81	15
16	L	NF	51.86	58.28	49.98	50.79	48.92	48.67	49.05	49.04	NF	48.81	16
17		NF	52.90	64.38	49.94	50.52	49.21	48.81	48.96	49.01	NF	NF	17
18	0	NF	52.23	60.67	49.90	50.26	49.24	49.00	48.75	48.93	NF	NF	18
19		NF	52.74	58.94	49.87	49.75	49.25	48.86	49.02	48.90	48.79	NF	19
20	W	NF	52.04	57.87	49.85	49.58	49.20	48.97	49.09	48.84	48.98	NF	20
21		NF	53.28	57.19	49.81	49.50	NR	48.99	49.15	48.80	49.00	NF	21
22		NF	52.58	56.80	49.79	49.40	NR.	48.76	49.04	48.91	48.90	NF	22
23		NF	51.95	56.44	49.79	49.32	NR	NF	48.97	49.08	48.85	NF	23
24		NF	52.34	56.22	49.76	49.22	NR.	NF	48.85	49.14	48.95	NF	24
25		NF	53.59	56.03	49.72	49.23	NR	NF	48.92	49.16	49.07	NF	25
26		NF	53.61	55.86	49.69	51.84	NR	48.79	48.70	49.12	49.05	NF	26
27		NF	53.52	55.72	49.66	55.71	NR	48.88	48.69	49.02	49.04	NF	27
28		52.41	53.47	55.57	49.65	54.95	NR	48.81	48.90	48.99	49.00	NF	28
29		56.36	54.53	55.46		5 .43	48.72	49.10	48.90	49.02	48.97	NF	29
30		54.74	55.22	53.76		54.92	48.76	49.11	48.99	48.99	49.05	NF	30
31		[54.45	52.89		54.94		48.90		49.01	49.05		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-4-70	1430	72.27	1-17-71	0730	66.42	3-13-71	0830	55.44	3-26-71	1900	57.09

NF - NO FLOW

	LOCATION		MAX	XIMUM DISCH	ARGE	PERIOD	PERIOD OF RECORD			DATUM OF GAGE			
LATITUDE		1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.		
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE		ONLY	FROM	то	GAGE	DATUM		
38 43 30	121 48 25		41,400	35.11	2-25-1958	JAN 1903-DATE	JAN 1903-DATE	1903 1930 1954 1965 1969	1930 1954 1965 1969	58.24 56.27 52.27 50.27 0.00	USCGS USCGS USCGS USCGS USCGS		

Station located 800 feet above U. S. Highway 99W bridge, 0.5 mile south of Yolo. Tributary to Yolo Bypass. Maximum discharge listed at present datum. Records furnished by U. S. Geological Survey. Drainage area is 1,139 square miles.

WATER YEAR STATION NO. STATION NAME YOLO BYPASS NEAR WOODLAND

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	10.65	10.26	21.05	18.91	17.13	11.20	20.35	10.35	13.93	10.27	10.06	NF	1
2	10.48	10.25	21.67	18.85	16.88	11.11	19.65	10.47	13.90	10.26	10.03	10.21	2
3	10.35	10.26	24.30	18.76	17.11	11.10	19.43	10.53	13.78	10.37	10.03	10.85	3
4	10.26	10.33	24.84	18.53	15.77	11.15	19.25	10.60	13.60	10.50	10.07	10.92	4
5	10.25	10.39	25.60	18.33	14.53	11.14	17.39	10.62	12.90	10.50	10.10	10.97	5
6	10.26	10.43	25.45	18.17	13.93	11.10	15.76	10.65	12.05	10.37	10.11	10.93	6
7	10.26	10.60	25.57	17.80	13.64	11.07	14.38	11.44	11.35	10.20	10.10	10.96	7
8	10.19	10.66	25.36	16.15	13.43	11.08	13.07	12.99	10.92	10.13	10.09	10.93	8
9	10.22	10.63	25.02	15.04	13.27	11.04	12.81	13.35	10.87	10.13	10.08	10.89	9
10	10.24	10.53	24.84	14.35	13.14	10.95	12.85	13.92	10.83	10.12	10.08	10.85	10
- 11	.10.24	10.36	24.94	14.16	13.04	10.86	12.44	14.53	10.70	10.12	10.09	10.79	11
12	10.26	10.31	24.85	14.26	13.05	10.90	12.11	14.92	10.69	10.12	10.08	10.64	12
13	10.51	10.28	24.36	14.62	13.09	11.33	11.79	15.05	10.68	10.12	10.07	10.46	13
14	10.54	10.28	23.35	15.04	13.05	14.44	11.53	15.00	10.64	10.10	10.05	10.40	14
15	10.41	10.23	21.87	16.93	12.99	14.03	11.28	14.93	10.28	10.07	10.04	10.37	15
16	10.35	10.21	20.46	18.64	12.90	13.39	10.99	14.97	NF	10.05	10.03	10.37	16
17	10.34	10.18	19.45	21.95	12.81	12.79	10.91	15.14	NF	10.05	10.03	10.39	17
18	10.35	10.18	19.18	22.40	12.72	12.17	10.93	14.84	NF	10.09	10.03	10.38	18
19	10.36	10.14	19.11	22.04	12.41	11.91	10.91	14.44	NF	10.10	10.02	10.36	19
20	10.37	10.13	19.49	24.67	12.00	11.58	10.83	13.88	NF	10.11	10.02	10.36	20
21	10.37	10.12	19.46	25.48	11.62	11.41	10.94	13.47	NF	10.11	10.01	10.37	21
22	10.36	10.14	19.64	25.22	11.53	11.30	10.90	13.02	NF	10.11	10.01	10.37	22
23	10.36	10.15	19.32	24.84	11.49	11.24	10.70	12.78	NF	10.11	10.01	10.34	23
24	10.37	10.16	18.78	24.30	11.39	11.22	10.63	12.09	NF	10.09	10.00	10.25	24
25	10.42	10.18	18.60	23.37	11.32	11.13	10.49	11.02	NF	10.07	9.96	10.24	25
26	10.48	10.24	18.73	22.26	11.28	11.51	10.36	10.83	NF	10.04	NF	10.39	26
27	10.48	10.24	18.63	21.25	11.20	17.33	10.25	10.71	NF	9.99	NF	10.48	27
28	10.47	10.45	18.51	20.42	11.26	19.39	10.26	10.73	NF	9.96	NF	10.56	28
29	10.44	13.90	18.48	19.69		20.71	10.34	10.87	10.32	10.01	NF	10.49	29
30	10.36	21.00	19.42	19.08		22.07	10.32	12.42	10.40	10.04	NF	10.47	30
31	10.30		19.26	17.68		21.54		13.74		10.06	NF		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-5-70	0700	25.64									

LOCATIO	N	MA	XIMUM DISCH	ARGE	PERIOD O	RECORD		DATU	M OF GAGE	
LONCITUDE	1/4 SEC. T. & R.		OF RECORD)	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO	REF.
LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
121 38 35	SE 28 10N 3E	272,000	32.00	2-8-1942	MAR 30-OCT 38 8	1940-1941 #	1930	1941	0.73	USED
					JAN 1939-DATE	1941-DATE	1941 1941		0.00 -3.41	USED
	LONGITUDE	M.D.B.&M.	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. CFS	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. CFS GAGE HT.	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. CFS GAGE HT. DATE	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. OF RECORD DISCHARGE 121 38 35 SE 28 10N 3E 272,000 32.00 2-8-1942 MAR 30-OCT 38 8	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. OF RECORD DISCHARGE GAGE HEIGHT ONLY 121 38 35 SE 28 10N 3E 272,000 32.00 2-8-1942 MAR 30-DCT 38 6 1940-1941 #	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. CFS GAGE HT. DATE DISCHARGE GAGE HEIGHT ONLY FROM 121 38 35 SE 28 10N 3E 272,000 32.00 2-8-1942 MAR 30-0CT 38 6 1940-1941 # 1930 JAN 1939-DATE 1941-DATE 1941	LONGITUDE 1/4 SEC. T. & R. M.D.B.&M. CFS GAGE HT. DATE DISCHARGE ONLY FROM TO 121 38 35 SE 28 10N 3E 272,000 32.00 2-8-1942 MAR 30-OCT 38 6 1940-1941 # 1930 1941 JAN 1939-DATE 1941-DATE 1941	LONGITUDE 1/4 SEC. T. & R.

Station located just above the Sacramento-Woodland Railroad bridge, 6 miles above the Sacramento Bypass, 7 miles below Fremont Weir, 7 miles east of Woodland. Supplementary water stage recorder, located 7 miles downstream, used for computations during periods of low flow. Stage-discharge relationship at supplementary recorder location at times affected by tidal action. Records furnished by U. S. Geological Survey.

[&]quot; - Irrigation season only. # - Flood season only.

WATER YEAR STATION NO. STATION NAME

1971 A91250 PUTAH CREEK NEAR WINTERS

(IN FEET)

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	7.28	6.54	4.73	4.53	7.33	5.81	8.48	7.29	7.46	7.81	7.93	7.05	1
2	7.25	6.56	5.37	4.58	7.31	5.73	8.35	7.16	7.41	7.73	7.82	7.05	2
3	7.25	6.56	4.79	4.54	7.23	5.72	8.18	6.88	7.33	7.72	7.81	7.00	3
4	7.26	6.55	5.46	4.50	7.18	5.76	8.03	6.82	7.40	7.75	7.85	6.99	4
5	7.21	6.54	4.44	4.48	7.12	5.67	7.89	6.76	7.36	7.78	7.80	6.99	5
6	7.25	6.54	4.18	4.57	7.07	5.63	7.75	6.64	7.35	7.86	7.72	6.98	6
7	7.15	6.54	4.34	5.03	7.00	5.63	7.60	6.65	7.53	7.87	7.73	6.97	7
8	7.13	6.53	4.81	5.57	6.96	5.64	7.45	6.55	7.53	7.89	7.71	7.11	8
9	7.17	6.08	5.07	5.23	6.89	5.72	7.30	6.45	7.53	7.84	7.69	7.29	9
10	7.17	5.45	5.07	4.82	6.85	5.90	7.27	6.48	7.59	7.85	7.72	7.62	10
11	7.14	4.80	4.75	4.85	6.76	6.13	7.17	6.57	7.70	7.86	7.70	7.39	11
12	7.13	5.04	4.75	4.94	6.68	6.47	7.07	6.67	7.69	7.94	7.64	7.33	12
13	7.16	4.99	4.71	4.59	6.72	7.54	7.02	6.82	7.62	7.98	7.52	7.28	13
14	7.25	5.50	4.61	4.79	6.68	7.65	7.06	7.05	7.65	7.97	7.54	7.32	14
15	7.16	5.30	4.61	4.96	6.62	7.78	6.99	7.19	7.67	8.03	7.34	7.41	15
16	7.11	5.32	4.83	4.72	6.55	7.84	6.96	7,22	7.69	8.17	7.24	7.46	16
17	7.11	5.28	4.74	5.46	6.53	7.79	6.88	7.32	7.73	7.98	7,20	7.46	17
18	7.07	5.25	4.82	6.23	6.48	7.64	6.71	7.54	7.79	7.79	7.18	7.43	18
19	7.04	5.25	5.68	6.74	6.43	7.53	6.62	7.84	7.86	7.88	7.12	7.36	19
20	6.79	5.25	5.37	7.09	6.32	7.45	6.72	7.78	7.84	8.02	7.22	7.42	20
21	6.53	5.25	4.84	7.29	6.21	7.38	6.63	7.70	7.96	8.04	7.28	7.52	21
22	6.46	5.25	4.62	7.40	6.18	7.30	6.65	7.74	8.10	7.97	7.20	7.51	22
23	6.49	5.25	4.56	7.47	6.15	7.22	6.78	7.81	8.09	8.00	7.22	7.57	23
24	6.58	5.25	4.52	7.52	6.15	7.18	6.76	7.79	8.07	8.07	7.25	7.57	24
25	6.58	5.03	4.50	7.55	6.10	7.16	6.78	7.86	8.07	7.98	7.31	7.55	25
26	6.58	4.86	4.48	7.55	5.97	8.43	6.93	7.71	8.00	8.03	7.25	7.52	26
27	6.56	4.88	4.48	7.53	5.95	9.03	7.13	7.68	7.91	8.02	7.17	7.49	27
28	6.54	5.03	4.59	7.48	5.91	9.03	7.24	7.57	7.89	8.04	7.12	7.49	28
29	6.54	5.01	4.82	7.43		8.96	7.26	7.38	7.89	8.06	6.96	7.54	29
30	6.51	4.74	4.65	7.41		8.88	7.37	7.38	7.88	7.99	6.98	7.50	30
31	6.54		4.52	7.37		8.66		7.38		7.97	7.11		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E — ESTIMATED

NR — NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-19-70	1715	7.08	1-26-71	0130	7.58	3-16-71	1815	7.93	3-28-71	0100	9.10

NF - NO FLOW

	LOCATION	N	MA	XIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORI		DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LUNGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 30 55	122 04 50	NE 28 8N 2W	81,000	30.5	2-27-1940	JULY 1930-DATE	JUNE 1930-DATE	1930 1940	1940	161.8 160.75	USCGS

Station located 1.3 miles below Monticello Dam, 6 miles west of Winters. Flow regulated by Lake Berryessa. Maximum discharge listed at present datum. Records furnished by U. S. Geological Survey. Drainage area is 574 square miles.

WATER YEAR STATION NO. STATION NAME

1971 B07020 SAN JOAQUIN RIVER NEAR VERNALIS

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	11.19	10.53	13.44	15.88	14.73	12.56	11.92	10.51	11.29	11.47	9.23	9.65	1
2	11.36	10.56	13.25	15.92	14.74	12.50	11.71	10.79	11.07	10.99	9.40	9.67	2
3	11.39	10.58	13.45	16.07	15.10	12.28	11.60	11.07	10.91	10.74	9.39	9.61	3
4	11.45	10.63	13.44	16.10	14.98	12.20	11.52	11.17	10.84	10.67	9.23	9.62	4
5	11.47	10.75	13.51	16.04	14.72	12.24	11.26	11.22	10.68	10.74	9.20	9.69	5
6	11.52	10.89	14.67	15.78	14.68	12.17	11.25	11.27	10.58	10.46	9.19	9.67	6
7	11.40	11.05	15.33	15.10	14.71	12.21	11.41	11.22	10.65	10.15	9.31	9.70	7
8	11.33	11.15	15.37	14.78	14.71	12.38	11.48	11.36	10.49	10.09	9.34	9.62	8
9	11.28	11.14	14.78	14.71	14.62	12.33	11.42	11.93	10.76	10.00	9.35	9.64	9
10	11.34	11.07	13.73	14.66	14.63	11.93	11.42	12.27	11.46	9.93	9.24	9.51	10
-11	11.38	11.06	12.98	14.56	14.64	11.93	11.56	12.03	12.09	9.98	9.16	9.53	111
12	11.35	11.18	13.42	14.39	14.74 E	11.98	11.49	11.76	12.06	10.04	9.17	9.84	12
13	11.34	11.19	13.80	14.35	14.69 E	12.38	11.12	11.39	11.92	9.93	9.11	9.90	13
14	11.40	11.24	14.12	15.07	14.26 E	12.64	11.46	11.22	11.88	9.73	9.24	9.71	14
15	11.49	11.26	14.34	15.66	13.94 E	13.00	11.70	10.91	12.45	9.65	9.55	9.52	15
16	11.77	11.22	14.56	15.90	14.09 E	13.14	11.56	10.83	12.83	9.58	9.66	9.43	16
17	11.84	11.25	14.69	15.53	14.63 E	13.05	11.81	11.18	12.61	9.56	9.54	9.43	17
18	11.52	11.22	15.13	15.15	14.68	12.83	12.10	11.79	12.38	9.72	9.40	9.54	18
19	11.27	11.16	15.53	15.08	14.68	12.58	12.26	11.89	12.57	9.89	9.39	9.62	19
20	11.13	11.14	15.82	15.14	14.62	12.42	12.18	11.80	12.79	9.67	9.43	9.73	20
21	11.00	11.14	16.15	15.16	14.60	12.06	12.09	11.18	12.70	9.46	9.31	9.69	21
22	10.88	11.29	16.35	15.22	14.56	12.04	11.61	10.98	12.24	9.30	9.51	9.73	22
23	10.84	11.49	16.62	15.23	14.47	11.96	11.03	10.73	12.14	9.28	9.76	9.85	23
24	10.84	11.56	16.60	15.46	13.91 E	11.95	10.96	10.72	11.93	9.25	9.78	10.08	24
25	10.85	11.65	16.49	15.56	13.74 E	12.01	11.04	10.50	11.72	9.36	9.59	10.15	25
26	10.78	11.78	16.50	15.37	13.34 E	12.85	10.99	10.35	11.98	9.61	9.39	10.23	26
27	10.75	11.83	16.49	15.03	12.74 E	13.23	10.84	10.24	11.81	9.54	9.54	10.38	27
28	10.69	11.90	16.40	14.78	12.32 E	13.10	10.78	10.36	12.57	9.53	9.50	10.50	28
29	10.68	12.91	16.31	14.55		12.95	10.56	10.83	13.82	9.46	9.75	10.45	29
30	10.66	14.01	16.24	14.42		12.72	10.47	11.12	11.97	9.40	9.85	10.48	30
31	10.57		16.00	14.56		12.41		11.50		9.33	9.79		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
12-23-70	1530	16.69	1-16-71	0800	15.97	6-29-71	1100	14.12			
						l					

NF - NO FLOW

	LOCATIO	N	MA	XIMUM DISCH	IARGE	PERIOD O	F RECORD		DATU	M OF GAGE	
	LONGITUDE	1/4 SEC, T, & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	RIOD	ZERO ON	REF.
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 40 34	121 15 55	NW 13 3S 6E	79,000	32.81	12-9-1950	JUL 22-DEC 23 " JAN 24-FEB 25 JUN 25-OCT 28 "	JUL 22-DEC 23 " JAN 24-FEB 25 JUN 25-OCT 28 "	1959	1959	5.06 0.00 3.3	USCGS USCGS USED
						MAY 29-DATE	MAY 29-DATE				

Station located 30 feet above the Durham Ferry Highway bridge, 3 miles below the Stanislaus River, 3.4 miles northeast of Vernalis. Maximum discharge listed at site then in use and present datum. Records furnished by U. S. Geological Survey. Drainage area is 13,540 square miles.

" - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 B02105 MOKELUMNE RIVER AT WOODBRIDGE

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	6.45	6.03	7.88	9.10	9.05	9.10	6.76	4.86	5.71	8.81	3.83	4.18	1
2	6.53	5.91	8.42	9.17	9.04	6.79	6.63	5.57	5.68	8.71	3.87	4.61	2
3	6.47	5.80	8.37	9.19	9.09	8.08	6.57	5.54	5.62	8.72	3.82	5.15	3
4	6.52	6.04	8.33	9.19	9.04	8.32	6.54	5.49	5.56	8.75	3.77	6.04	4
5	6.53	5.92	11.13	9.19	9.07	8.22	6.20	5.48	5.21	8.82	3.73	6.19	5
6	6.55	5.85	11.94	9.18	9.06	7.74	6.24	4.74	5.36	8.74	3.77	6.22	6
7	6.48	5.84	12.05	9.21	9.06	7.64	6.31	4.88	5.41	7.20	3.77	6.19	7
8	6.46	5.78	12.09	9.22	9.06	7.26	6.27	4.90	5.32	5.53	3.77	6.32	8
9	6.46	5.76	12.11	9.23	9.10	7.39	6.28	5.08	5.12	5.66	3.77	6.64	9
10	6.67	5.76	12.11	9.23	9.11	7.17	6.27	5.42	5.19	6.76	3.78	6.81	10
-11	6.65	6.42	12.11	9.23	9.12	7.07	6.33	5.29	5.24	6.94	3.77	7.18	11
12	6.63	6.62	12.11	8.58	9.13	7.23	5.93	5.10	5.55	7.06	3.75	7.21	12
13	6.74	6.62	12.12	8.34	9.13	7.32	5.72	4.95	5.63	6.99	3.73	7.26	13
14	6.66	6.62	12.14	8.24	9.14	7.33	5.81	4.75	5.63	6.91	3.70	7.33	14
15	6.70	6.63	12.05	8.17	9.14	7.39	5.66	4.39	5.56	6.58	3.66	7.51	15
16	6.67	6.63	9.56	8.15	9.14	7.39	5.50	4.42	6.02	6.02	3.96	7.34	16
17	6.67	6.63	8.92	8.15	9.03	7.48	5.42	4.40	5.98	5.81	4.01	NR	17
18	6.73	6.63	8.78	8.15	9.02	7.50	5.38	4.03	5.96	5.97	3.76	NR	18
19	6.77	6.63	8.70	8.13	9.13	7.47	5.40	4.07	5.99	6.01	3.72	NR	19
20	6.87	6.65	8.65	8.13	9.11	7.05	5.45	5.06	6.05	5.79	3.81	NR	20
21	6.84	7.02	8.76	8.11	9.12	6.95	5.16	5.22	6.14	5.52	4.05	NR	21
22	7.36	7.14	8.71	8.11	9.17	6.57	4.84	5.49	6.25	5.52	4.16	NR.	22
23	7.31	7.16	8.61	8.11	9.15	6.63	5.01	5.47	6.26	5.53	4.15	NR	23
24	7.30	7.17	8.76	8.11	9.17	6.58	4.79	5.45	6.38	5.56	4.07	NR.	24
25	7.27	7.27	8.75	8.11	9.11	6.80	4.70	5.48	6.12	5.68	3.79	NR	25
26	7.25	7.26	8.74	8.12	9.11	7.02	4.87	5.51	4.40	5.57	3.76	NR	26
27	7.24	7.23	8.75	8.85	9.11	7.02	4.79	5.47	5.58	4.47	3.86	NR	27
28	6.64	7.58	8.76	9.02	9.10	6.97	4.79	5.52	9.34	4.29	4.16	NR.	28
29	5.70	8.03	8.71	9.03		6.96	4.76	5.61	8.64	4.15	4.33	NR.	29
30	8.32	7.85	7.00	9.04		6.96	4.80	5.62	8.54	4.01	4.21	NR	30
31	6.44		8.35	9.05		6.88		5.71		3.89	4.19		31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	OATE	TIME	STAGE	DATE	TIME	STAGE
10-30-70	1230	11.94									
12-14-70	0030	12.14									

	LOCATIO	N	MA.	XIMUM DISCH	ARGE	PERIOD O	F RECORD		DATU	H OF GAGE	
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	PER	100	Z ERO ON	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
38 09 30	121 18 10	NE 34 4N 6E	27,000	29.58	11-22-1950	MAY 24-OCT 25 6	MAY 1924-DATE	1924	1931	18.9	USCGS
						JAN 26-DATE		1931		14.9	USCGS

Station located 0.3 mile below county highway bridge, 0.4 mile below dam and canal intake of Woodbridge Irrigation District. Flow regulated by reservoirs and powerplants. Records furnished by U. S. Geological Survey. Drainage area is 661 square miles.

ő - Irrigation season only.

WATER YEAR STATION NO. STATION NAME

1971 B11150 COSUMNES RIVER AT MICHIGAN BAR

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
,	2,31	2.44	5.53	4.11	4.06	3.69	4.99	4.15	3.93	3.11	2.49	2.25	1
2	2,25	2.44	6.04	4.26	4.07	3.63	4.89	4.21	3.82	3.13	2.48	2.26	2
3	2.25	2.43	4.95	4.03	4.05	3.62	4.78	4.27	3.76	3.09	2.47	2.24	3
4	2.24	2.48	6.78	3.87	4.00	3.61	4.73	4.36	3.72	3.06	2.44	2.25	4
5	2.22	2.67	5.27	3.83	3.96	3.60	4.71	4.32	3.69	3.02	2.43	2.24	5
6	2.20	3.15	4.62	3.78	3.92	3.57	4.72	4.26	3.68	3.00	2.42	2.23	6
7	2.20	3.18	4.27	3.73	3.89	3.54	4.76	4.23	3.72	2.97	2.41	2.23	7
8	2.20	3.10	4.18	3.68	3.86	3.53	4.65	4.35	3.76	2.93	2.40	2.21	8
9	2.20	2.86	4.56	3.65	3.83	3.52	4.56	4.34	3.77	2.91	2.40	2.22	9
10	2.21	2.78	4.30	3.62	3.81	3.50	4.61	4.32	3.74	2.88	2.44	2.21	10
- 11	2.21	2.77	4.09	3.67	3.84	3.53	4.61	4.38	3.71	2.84	2.35	2,21	111
12	2,22	2.78	3.97	4.38	3.94	4.09	4.53	4.47	3.67	2.83	2.38	2.19	12
13	2.24	2.94	3.86	4.93	4.05	4.24	4.55	4.47	3.64	2.82	2.36	2.19	13
14	2.23	2.88	3.77	4.69	4.12	4.01	4.53	4.47	3.63	2.77	2.35	2.19	14
15	2.23	2.77	3.70	4.44	4.16	3.92	4.53	4.46	3.57	2.77	2.33	2.17	15
16	2.24	2.73	4.50	4.26	4.18	3.88	4.54	4.43	3.53	2.72	2.34	2.18	16
17	2.25	2.67	5.20	4.38	4.16	3.87	4.59	4.35	3.48	2.71	2.30	2.15	17
18	2.25	2.64	4.59	4.55	4.09	3.87	4.52	4.27	3.43	2.68	2.30	2.15	18
19	2.25	2.63	4.27	4.53	4.13	3.86	4.40	4.19	3.39	2.68	2.30	2.14	19
20	2.27	2.61	4.10	4.54	4.05	3.86	4.34	4.15	3.34	2.69	2.28	2.15	20
21	2.31	2.60	4.52	4.49	3.94	3.88	4.33	4.13	3.29	2.67	2.29	2.16	21
22	2.44	2.60	4.42	4.40	3.89	3.92	4.25	4.07	3.25	2.65	2.28	2.15	22
23	2.52	2.59	4.12	4.31	3.86	4.10	4.19	4.02	3.21	2.61	2.28	2.16	23
24	2.68	2.60	3.99	4.22	3.81	4.28	4.16	4.01	3.17	2.60	2.28	2.17	24
25	2.68	3.29	3.87	4.14	3.76	4.38	4.16	4.02	3.13	2.59	2.27	2.19	25
26	2.64	4.55	3.83	4.07	3.71	6.94	4.13	4.05	3.12	2.59	2.27	2.22	26
27	2.54	3.69	4.13	4.05	3.68	6.34	4.09	4.05	3.50	2.57	2.26	2.22	27
28	2.48	4.42	4.48	4.04	3.70	5.92	4.06	4.06	3.44	2.55	2.26	2.23	28
29	2.44	5.80	4.55	4.04		5.44	4.06	3.99	3.24	2.55	2.25	2.27	29
30	2.43	4.80 -	4.46	4.04		5.32	4.08	3.95	3.16	2.53	2.25	2.31	30
31	2.42		4.24	4.05		5.16		3.95		2.51	2.25		31
													1

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

IN - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
3-26-71	1600	7.97									
						<u> </u>					

	LOCATIO	И	MA	XIMUM DISCH	IARGE	PERIOD (F RECORD		DATU	OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 30 00	121 02 45	SE 36 8N 8E	42,000	14.59	12-23-1955	OCT 1907-DATE	OCT 1907-DATE	1907		168.09	USCGS

Station located on highway bridge, 5.5 miles southwest of Latrobe. Flow partly regulated by Jenkinson Lake. Records furnished by the U. S. Geological Survey. Drainage area is 536 square miles.

WATER YEAR STATION NO. STATION NAME

1971 B01125 COSUMNES RIVER AT MCCONNELL

(IN FEET)

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	NF	29.86	37.16	33.27	32.78	32.06	35.03	32.82	32.57	31.10			1
2	NF	29.90	38.54	33.48	32.81	31.98	34.71	32.98	32.38	31.05	1		2
3	NF	29.93	37.90	33.52	32.78	31.91	34.47	33.11	32.21	31.02			3
4	NF	30.15	38.39	32.75	32.72	31.92	34.29	33.29	32.12	30.98	i		4
5	NF	30.26	40.28	32.55	32.63	31.89	34.18	33.32	32.04	30.96			5
6	NF	30.62	35.89	32.44	32.55	31.84	34.16	33.17	32.01	30.92			6
7	NF	31.34	34.12	32.34	32.49	31.79	34.28	33.11	32.03	30.87			7
8	NF	31.19	33.46	32.21	32.42	31.77	34.13	33.23	32.08	30.83			8
9	NF	30.88	33.92	32.13	32.37	31.75	33.88	33.35	32.17	30.80			9
10	NF	30.64	33.78	32.06	32.31	31.73	33.80	33.23	32.17	30.74	N	N	10
11	NF	30.55	33.12	32.04	32.30	31.72	34.01	33.30	32.10	30.67	0	0	11
12	NF	30.53	32.78	32.81	32.45	31.81	33.77	33.49	32.03	30.54			12
13	NF	30.55	32.54	35.13	32.68	33.21	33.73	33.58	31.97	30.60			13
14	NF	30.75	32.34	35.71	32.86	32.99	33.73	33.56	31.94	30.77			14
15	NF	30.63	32.18	34.30	32.96	32.65	33.68	33.54	31.86	30.65	F	F	15
16	NF	30.53	32,44	33.67	33.03	32.47	33.67	33.48	31.76	30.54	L	L	16
17	NF	30.48	36.27	33.53	33.03	32.39	33.73	33.39	31.67	30.52			17
18	NF	30.43	34.90	33.99	32.92	32.38	33.75	33.22	31.57	30.49	0	0	18
19	NF	30.40	33.76	33.97	32.87	32.35	33.47	33.07	31.47	30.49			19
20	NF	30.38	33.15	33.96	32.85	32.34	33.31	32.97	31.40	30.74	W	W	20
21	NF	30.36	33.60	33.89	32.61	32.37	33.30	32.89	31.35	30.29			21
22	NF	30.37	34.85	33.69	32.47	32.41	33.17	32.86	31.29	30.15		ļ	22
23	NF	30.37	33.67	33.46	32.40	32.51	33.04	32.67	31.18	NF			23
24	29.80	30.36	32.97	33.26	32.32	33.01	32.94	32.65	31.12	NF		1	24
25	30.30	30.58	32.64	33.08	32.21	33.24	32.93	32.64	31.09	NF			25
26	30.33	33.18	32.45	32.92	32.14	37.18	32.85	32.66	31.05	NF			26
27	30.32	33.03	32.69	32.80	32.05	41.24	32.79	32.73	31.14	NF		ŀ	27
28	30.15	32.51	34.25	32.75	32.04	38.39	32.71	32.72	31.89	NF			28
29	30.03	37.53	34,35	32.74	1	36.82	32.69	32.67	31.37	NF			29
30	29.91	37.95	34.91	32.73		36.05	32.72	32.54	31.20	NF			30
31	29.86	31.33	33.76	32.75		35.53	32.72	32.51]	NF	1		31
•	49.00		33.70	32.73		1 33.33		32.31					31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
11-29-70	2400	39.34	12-5-70	0530	41.84	1-13-71	2400	36.35	3-27-71	0930	41.85

	LOCATIO	И	MA	XIMUM DISCH	IARGE	PERIOD (OF RECORD		DATU	M OF GAGE	
	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D	DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 21 29	121 20 34	SW 20 6N 6E	54,000	46.26	12-23-1955	OCT 1941-DATE	JAN 31-MAY 40 #	1931		0.00	USED

Station located on U. S. Highway 99 bridge, 0.2 mile south of McConnell, 7.0 miles north of Galt. Maximum discharge of record listed is for period 1943 to date. Records furnished by U. S. Geological Survey. Drainage area is 724 square miles.

^{# -} Flood season only.

(IN FEET)

(WATER YEAR	STATION NO.	STATION NAME	
	1971	G32100	EAGLE LAKE NEAR SUSANVILLE	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	9.76	9.59	9.91	10.21	10.21	10.52	11.19	12.01	12.61	12.68	12.43	11.85	1
2	9.76	9.59	9.99	10.21	10.21	10.52	11.22	12.03	12.64	12.68	12.41	11.85	2
3	9.75	9.58	10.00	10.21	10.21	10.50	11.24	12.07	12.66	12.66	12.38	11.82	3
4	9.75	9.57	10.06	10.21	10.20	10.52	11.26	12.12	12.69	12.66	12.36	11.81	4
5	9.75	9.62	10.06	10.21	10.20	10.52	11.28	12.14	12.72	12.65	12.33	11.80	5
6 7 8 9	9.74 9.71 9.69 9.69 9.69	9.66 9.68 9.67 9.70 9.73	10.06 10.06 10.09 10.11 10.10	10.21 10.21 10.21 10.21 10.21	10.20 10.20 10.20 10.20 10.20	10.51 10.51 10.51 10.51 10.51	11.30 11.34 11.37 11.36 11.46	12.16 12.18 12.24 12.26 12.27	12.73 12.74 12.74 12.75 12.76	12.64 12.63 12.61 12.59 12.57	12.32 12.30 12.28 12.28 12.26	11.78 11.77 11.76 11.74 11.73	6 7 8 9 10
11	9.68	9.74	10.11	10.20	10.20	10.50	11.49	12.29	12.75	12.56	12.25	11.73	11
12	9.68	9.78	10.09	10.20	10.20	10.65	11.52	12.33	12.74	12.55	12.24	11.72	12
13	9.66	9.77	10.10	10.21	10.26	10.73	11.56	12.34	12.73	12.54	12.21	11.72	13
14	9.65	9.76	10.11	10.21	10.48	10.71	11.60	12.35	12.73	12.53	12.19	11.71	14
15	9.64	9.75	10.09	10.21	10.49	10.73	11.63	12.35	12.73	12.53	12.16	11.70	15
16	9.63	9.76	10.15	10.21	10.50	10.74	11.64	12.36	12.73	12.52	12.14	11.70	16
17	9.63	9.76	10.18	10.21	10.51	10.74	11.72	12.34	12.72	12.52	12.12	11.66	17
18	9.63	9.76	10.18	10.21	10.51	10.73	11.76	12.34	12.70	12.52	12.11	11.63	18
19	9.61	9.76	10.18	10.21	10.54	10.73	11.78	12.35	12.69	12.53	12.09	11.62	19
20	9.61	9.76	10.18	10.21	10.52	10.74	11.81	12.36	12.69	12.55	12.06	11.61	20
21	9.60	9.76	10.18	10.21	10.52	10.74	11.84	12.36	12.68	12.56	12.03	11.59	21
22	9.62	9.75	10.20	10.21	10.52	10.74	11.85	12.32	12.67	12.55	12.01	11.57	22
23	9.61	9.75	10.20	10.21	10.53	10.80	11.87	12.32	12.66	12.54	11.99	11.57	23
24	9.63	9.74	10.20	10.21	10.53	10.83	11.89	12.33	12.64	12.52	11.98	11.55	24
25	9.63	9.78	10.20	10.21	10.53	10.85	11.90	12.33	12.62	12.51	11.97	11.55	25
26 27 28 29 30 31	9.62 9.60 9.59 9.59 9.59 9.59	9.79 9.75 9.82 9.87 9.87	10.20 10.20 10.20 10.20 10.20 10.20	10.21 10.21 10.21 10.21 10.21	10.51 10.52 10.52	10.98 11.06 11.09 11.12 11.15 11.18	11.92 11.93 11.95 11.97 11.99	12.35 12.36 12.42 12.48 12.53 12.56	12.69 12.71 12.70 12.68 12.68	12.50 12.49 12.48 12.46 12.44 12.44	11.97 11.97 11.96 11.94 11.91 11.88	11.54 11.54 11.51 11.50 11.53	26 27 28 29 30 31

MAXIMUM INSTANTANEOUS GAGE HEIGHTS

E - ESTIMATED

NR - NO RECORD

NF - NO FLOW

DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE	DATE	TIME	STAGE
6-10-71	1445	12.81									

(LOCATIO	N	M	AXIMUM DISCH	ARGE	PERIOD C	F RECORD		DATU	M OF GAGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		DISCHARGE	GAGE HEIGHT	PER	IOD	ZERO	REF.
LATITODE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
40 36 45	120 43 34	SW22 32N 11E	·	12.81	6-10-71		OCT 56-DATE	1956		5095.06	USCGS

Station located on east shore, 14 mi. NW of Susanville.

TABLE B-12

DAILY MAXIMUM AND MINIMUM TIDES

This table shows the water surface elevations for the daily high and low tides referenced to gage datum. The maximum and minimum water surface elevations are reported for those days where normal tide patterns did not occur.

WATER YEAR	STATION NUMBER	STATION NAME	
1971	A02105	SACRAMENTO RIVER AT SACRAMENTO WEIR	

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	NR NR	8.74 7.82	22.04 A 19.19 A	NR NR	20.05 A 18.89 A	9.60 8.86	23.14 A 22.37 A	11.01 10.49	14.41 A 14.31 A	11.27 6.63	9.49 6.28	NR NR	1
2	9.11 8.37	8.85 7.76	24.84 A 22.04 A	NR NR	18.87 A 17.80 A	9.32 8.65	22.37 A 21.37 A	NR NR	14.51 A 14.34 A	11.11	9.84 6.30	NR NR	2
3	9.36 8.46	8.96 7.90	25.18 A 24.84 A	NR NR	17.80 A 17.25 A	9.06 8.27	21.39 A 20.55 A	NR NR	14.65 A 14.44 A	10.86	9.24 6.16	NR NR	3
4	9.16 8.42	9.01 8.20	25.74 A 24.96 A	NR NR	17.25 A 16.79 A	9.17 8.37	20.52 A 19.50 A	NR NR	14.60 14.19	10.77 6.53	10.18	12.55 12.24	4
5	9.28 8.22	9.09 8.15	NR NR	NR NR	16.77 A 16.26 A	8.78 8.48	19.50 A 18.33 A	12.25 11.72	14.34 13.97	10.82	10.08	12.41	5
6	8.97 8.15	9.11 8.48	NR NR	NR NR	16.26 A 15.94 A	8.71 8.07	18.33 A 17.60 A	12.61 12.20	14.16 13.79	10.72 6.52	10.37	12.20 11.85	6
7	8.44 7.62	9.31 8.71	NR NR	NR NR	15.94 A 15.49 A	8.82 7.98	17.60 A 17.03 A	12.98 12.57	4.02 13.70	10.21	10.52 6.86	11.99	7
8	7.80 7.34	9.91 9.42	25.60 A 25.42 A	NR NR	15.49 A 14.91 A	8.77 8.13	17.05 A 16.94 A	13.19 13.01	13.91 13.38	10.60 6.50	10.48	12.05 11.72	8
9	8.43 7.26	10.17	25.42 A 25.25 A	NR NR	14.89 A 14.37 A	8.85 8.12	17.02 A 16.81 A	13.40 13.08	13.54	9.95	10.49	12.16 11.73	9
10	8.59 7.59	10.11	25.25 A 24.98 A	NR NR	14.35 A 14.01 A	8.95 8.29	16.81 A 16.35 A	13.74 A 13.38 A	13.13	9.52 6.23	10.34	12.23	10
11	8.59 7.64	11.30 9.58	25.35 A 25.10 A	NR NR	13.99 A 13.70 A	9.15 8.51	16.34 A 16.07 A	14.14 A 13.68 A	12.74	9.70 6.25	10.41 7.28	11.87 12.25 11.84	н
12	8.62 7.85	NR NR	25.38 A 25.24 A	15.62 A 14.60 A	13.72 13.61	10.27 A 8.82 A	16.15 A 15.89 A	14.34 14.04	12.57	10.06	10.70 6.90	12.13	12
13	8.68 7.83	NR NR	25.24 A 24.94 A	16.31 A 15.62 A	13.63 A 13.40 A	11.65 A 10.02 A	15.97 A 15.78 A	14.27 13.92	12.34 11.85	10.14	10.65	11.89	13
14	8.85 7.81	NR NR	24.94 A 24.60 A	16.36 A 16.24 A	13.40 A 13.15 A	14.89 A 11.67 A	15.91 A 15.64 A	14.18 13.81	12.05 11.73	10.12	10.79 6.67	12.09	14
15	8.78 7.88	NR NR	24.60 A 24.17 A	16.58 A 16.06 A	13.26 A 12.87 A	15.45 A 14.89 A	15.75 A 15.55 A	14.20 13.92	11.96 11.63	10.11	11.12 6.83	11.90	15
16	8.82	NR NR	24.15 A	17.14 A	12.91 A 12.57 A	15.37 A 15.02 A	15.66 A	14.04	11.90	9.94	10.99	12.18	16
17	7.81 8.76	NR	23.94 A 23.94 A	16.58 A	12.83 A 12.40 A	15.02 A 15.09 A 14.80 A	15.34 A	13.74	11.46	9.35	6.88	12.32	17
18	7.76 8.62	NR NR	23.75 A 23.78 A	17.16 A 20.63 A 18.81 A	12.46 A 11.91 A	14.81 A 14.23 A	15.18 A	13.71	11.25	6.33 9.87	11.28	12.68	18
19	7.62 8.69	NR NR	23.62 A 23.65 A	24.11 A	12.13 A	14.23 A	14.71 A	13.68	11.40	10.10	10.75	12.37	19
20	7.51 8.62	NR NR	23.43 A	20.67 A 25.48 A	11.56 A	13.67 A	14.30 A	13.29	11.72	9.90	11.09	11.75	20
21	7.59 8.54	NR NR	23.22 A 23.24 A	24.16 A	11.23 A	13.20 A	14.24	12.91	11.33	9.87	11.06	11.61	21
22	7.64 8.31	NR NR	23.12 A	25.48 A 25.55 A	11.00 A	12.83 A	13.79	12.67	11.04	9.64	7.14	11.59	22
23	7.67 8.47	NR NR	22.99 A 23.00 A	25.33 A 25.34 A	10.83 A	12.55 A	13.64	12.46	10.96	9.52	7.12	11.58	23
24	7.73 8.54	NR NR	22.91 A	25.15 A 25.16 A	10.43 A	12.50 A	12.94	12.34	10.98	9.35	7.02 11.30	11.58	24
25	7.97 8.57	NR NR	22.66 A NR	24.80 A 24.81 A	10.10 A	12.45 A	12.44	11.97	11.64	6.08 9.16	7.48 11.69	11.52 11.50	25
26	7.94 8.47	NR NR	NR NR	24.50 A	9.71	12.75 A 17.48 A	11.90	11.79	11.14	6.04 9.39	7.69 11.70	11.27	26
27	7.95 8.32	NR NR	NR NR	23.95 A 23.95 A	9.22	14.21 A 20.78 A	11.67	11.60	10.91	6.13 9.51	7.42 11.82	11.01 11.23 A	27
28	7.84 8.35	NR NR	NR NR	23.42 A 23.41 A	9.25 9.75	17.52 A 22.60 A	11.43	11.68 •12.31 A	10.97 12.22 A	6.08 9.30	7.30 11.53	10.59	28
29	7.77 8.57	NR NR	NR NR	22.99 A 22.97 A	9.28	20.80 A 23.26 A	11.27	11.91 A 13.37 A	7.84 A 11.97 A	6.21 9.16	7.22	10.23	29
30	7.77 8.80	NR NR	NR NR	22.33 A 22.33 A		22.60 A 23.31 A	10.87	12.31 A	7.21 A 11.59 A	6.12 9.31	7.22	10.00 NR	30
31	7.89 8.73	NR	NR NR	21.34 A		23.10 A 23.38 A	10.38	13.40 A	6.73 A	6.21	7.23 NR	NR	31
	7.92		NR	20.07 A	** **	23.08 A		14.17 A		6.26	NR		
MUMIXAM	9.36 7.26	NR NR	NR NR	NR NR	20.05 A 9.22	23.38 A 7.98	23.14 A 10.38	14.39 A 10.49	14.65 A 6.73 A	11.27	6.16	NR NR	MAXIMUM

A - High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day. NR - No record.

	LOCATI	ON	MAXIMUM DISCHARGE			PERIOD	OF RECORD	DATUM OF GAGE			
	LONGITUDE	1/4 SEC. T. 8 R.		OF RECOF	**	DISCHARGE	GAGE HEIGHT	PEF	RIOD	ZERO	REF.
LATITUDE	EONGITODE	M.D.8. 8. M.	CFS	GAGE HT.	DATE	Ordenande	ONLY	FROM	TO	ON GAGE	DATUM
38 36 09	121 33 12	NE 29 9N 4E		33.1	12-23-1955		NOV 26-JULY 37 # OCT 37-DATE	1926 1926	1964	0.00 -3.07 -3.49	USED USCGS USCGS
Station lo	cated 100 feet	t below weir, 4 miles n	orthwest o	f Sacramento				1964		-3.00	USCGS

^{# -} Flood season only.

WATER YEAR	STATION NUMBER	STATION NAME
1971	A02100	SACRAMENTO RIVER AT SACRAMENTO

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.42 4.46	5.27 4.10	17.62 A 15.16 A	15.64 A 15.52 A	16.00 A 14.88 A	5.86 4.97	18.83 A 18.06 A	7.32 6.65	10.29 10.12	7.93 A 7.30 A	6.40 5.39	8.70 8.22	1
2	5.65 4.69	5.41 4.05	20.67 A 17.65 A	15.62 A 15.47 A	14.86 A 13.76 A	5.58 4.73	18.05 A 17.15 A	7.21 6.96	10.35 10.23	7.88 A 7.22 A	6.52 5.53	8.96 8.34	2
3	5.91 4.81	5.51 4.19	21.03 A 20.70 A	15.48 A 15.29 A	13.75 A 13.18 A	5.36 4.42	17.14 A 16.32 A	7.58 7.36	10.51 10.32	7.77 7.04	6.72 5.69	8.73 8.27	3
4	5.73 4.80	5.55 4.55	21.61 A 20.83 A	15.29 A 14.31 A	13.17 A 12.72 A	5.54 4.55	16.31 A 15.35 A	7.85 7.69	10.52 A 10.03 A	7.72 6.99	6.81 5.70	8.74 8.21	4
5	5.85 4.55	5.59 4.49	21.90 A 21.61 A	14.30 A 13.21 A	12.72 A 12.16 A	5.11 4.68	15.34 A 14.28 A	8.31 7.99	10.25	7.76 6.94	6.78 5.86	8.62 8.18	5
6	5.51 4.49	5.50 4.73	21.77 A 21.47 A	13.19 A 12.48 A	12.16 A 11.86 A	5.03 4.19	14.26 A 13.54 A	8.70 8.48	10.10 9.67	7.75 6.94	6.97 5.95	8.44 7.95	6
7	4.95 3.92	5.68 4.94	21.52 A 21.42 A	12.47 A 11.97 A	11.85 A 11.47 A	5.17 4.11	13.53 A 13.00 A	9.09 8.82	10.02 9.55	7.75 6.84	7.05 6.17	8.17 7.70	7
8	4.22 3.59	6.19 5.53	21.43 A 21.24 A	11.96 A 11.58 A	11.45 A 10.91 A	5.13 4.28	12.99 A 12.87 A	9.29 8.89	9.90 9.35	7.58 6.58	6.90 6.12	8.32 7.76	8
9	4.94 3.58	6.50 5.84	21.24 A 21.11 A	11.56 A 11.21 A	10.90 A 10.38 A	5.19 4.29	12.93 A 12.76 A	9.45 9.07	9.63 8.98	7.31 6.36	6.81 6.20	8.42 7.81	9
10	5.12 3.94	6.50 5.72	21.10 A 20.75 A	11.20 10.92	10.36 A 9.99 A	5.24	12.75 A 12.34 A	9.77 9.35	9.21 8.43	6.99	6.79 6.14	8.04 7.91	10
11	5.12 3.99	7.53 5.78	21.16 A 20.90 A	11.02 10.68	10.72 A 9.70 A	5.40 4.58	12.34 A 12.05 A	10.15 9.65	8.85 8.18	6.80	7.26 6.39	8.50 7.91	11
12	5.15 4.21	7.71 7.25	21.17 A 21.06 A	11.67 A 10.63 A	9.77 9.60	6.57 A 4.89 A	12.11 A 11.87 A	10.39 9.95	8.69 8.08	6.68 6.03	6.90 6.72	8.37 7.90	12
13	5.23 4.19	7.13 6.58	21.06 A 20.83 A	12.31 A 11.63 A	9.65 9.43	7.59 A 6.11 A	11.99 A 11.78 A	10.29 9.84	8.43 7.87	6.51 6.03	7.57 7.01	8.37 7.68	13
14	5.41 4.32	6.92 6.23	20.82 A 20.45 A	12.36 A 12.20 A	9.46 9.18	10.60 A 7.59 A	11.91 A 11.66 A	10.20 9.82	8.12 7.70	6.61 5.97	7.80 7.18	8.28 7.82	14
15	5.36 4.25	6.77 5.97	20.45 A 20.04 A	12.64 A 12.05 A	9.37 8.95	11.16 A 10.62 A	11.75 A 11.52 A	10.20 9.88	7.97 7.58	6.85	7.94 7.29	8.49 8.07	15
16	5.41 4.17	6.52 5.76	20.02 A 19.84 A	13.24 A 12.65 A	9.05 8.65	11.09 A 10.81 A	11.65 A 11.32 A	10.05 9.65	8.01 7.43	7.01 6.20	8.04 7.36	8.65 8.20	16
17	5.36 4.13	6.38 5.61	19.84 A 19.65 A	14.72 A 13.25 A	8.99 8.51	10.81 A 10.54 A	11.45 A 11.14 A	9.83 9.60	8.03 7.45	7.17 6.24	8.00 7.40	8.94 8.36	17
18	5.19 4.01	6.48 5.65	19,65 A 19.55 A	16.46 A 14.74 A	8.63 A 7.97 A	10.53 A 10.01 A	11.17 A 10.68 A	9.82 9.58	8.16 7.48	7.10 6.17	7.99 7.39	NR 8.43	18
19	5.28 3.85	6.57 6.04	19.55 A 19.34 A	19.79 A 16.49 A	8.29 A 7.59 A	10.05 A 9.48 A	10.69 A 10.32 A	9.87 9.23	8.23 7.82	7.23 6.29	7.83 7.00	NR 7.85	19
20	5.16 3.94	7.02 6.50	19.35 A 19.15 A	21.24 A 19.82 A	7.82 A 7.30 A	9.69 A 9.04 A	10.46 10.27	9.51 8.90	8.43 7.51	7.32 6.33	7.83 7.24	NR 7.70	20
21	4.65 3.96	7.32 6.89	19.15 A 19.03 A	21.40 A 21.24 A	7.67 A 7.09 A	9.26 A 8.72 A	10.27	9.28 8.64	8.17 7.33	7.33 6.27	7.82 7.28	8.07 7.65	21
22	5.05 4.03	7.47 6.96	19.05 A 18.92 A	21.37 A 21.17 A	7.57 6.92	8.95 8.68	9.98 9.68	9.06 8.43	8.05 7.27	7.14 6.18	7.64 7.16	8.02 7.61	22
23	4.93 3.99	7.55 7.09	18.92 A 18.83 A	21.17 A 20.96 A	7.09 6.55	8.93 8.42	9.68 9.17	9.06 8.33	8.00 7.23	7.12 6.21	7.43 6.76	8.07 7.63	23
24	4.98 4.23	7.73 7.19	18.83 A 18.61 A	20.96 A 20.64 A	6.99 6.21	8.86 8.40	9.29 8.60	8.87 8.01	7.87 7.19	6.93 6.08	7.72 6.82	8.10 7.59	24
25	5.01 4.22	8.11 7.39	18.60 A 17.78 A	20.64 A 20.31 A	6.35 5.84	10.06 A 8.62 A	8.76 8.08	8.59 7.85	7.90 7.30	6.66 5.82	8.14 7.54	7.79 7.38	25
26	4.87 4.20	8.51 7.63	17.77 A 16.82 A	20.31 A 19.75 A	5.8I 5.32	12.81 A 10.06 A	8.64 7.85	8.45 7.65	7.74 7.05	6.60 6.03	8.30 7.89	7.52 7.07	26
27	4.72 4.10	9.49 A 8.16 A	16.81 A 15.84 A	19.74 A 19.19 A	5.87 5.34	16.09 A 12.85 A	8.38 7.63	8.37 7.76	7.44 7.14	6.63 6.03	8.00 7.91	6.71 6.64	27
28	4.78 4.03	10.40 A 9.31 A	15.82 A 15.22 A	19.19 A 18.77 A	6.02 5.39	17.97 A 16.12 A	8.30 7.50	8.35 7.94	8.37 A 7.89 A	6.18 5.75	8.38 7.94	7.06 6.24	28
29	5.05	13.50 A 10.42 A	15.21 A 14.86 A	18.76 A 18.18 A		18.68 A 17.98 A	7.98 7.07	9.25 A 8.34 A	8.32 A 7.79 A	6.46 5.55	8.42 7.96	6.80 6.00	29
30	5.31	15.16 A 13.51 A	15.45 A 14.96 A	18.17 A 17.22 A		18.81 A 18.68 A	7.34 6.60	10.02 A 9.27 A	8.13 A 7.46 A	6.36 5.42	8.51 7.97	6.85 5.94	30
31	5.24		15.64 A 15.44 A	17.21 A 16.02 A		18.99 A 18.68 A		10.23 A 10.04 A		6.31 5.42	8.61 8.08		31
MAXIMUM	5.91	15.16 A	21.90 A	21.40 A	16.00 A	18.99 A	18.83 A	10.39	10.52 A	7.93 A	8.61	8.96	MAXIMUM
MINIMUM	3.58	4.05	14.86 A	10.63 A	5.32	4.11	6.60	6.65	7.05	5.42	5.39	5.94	MINIMUM

NR - No record. A - High flows affected the normal tidal pattern. Gage helghts listed are maximum and minimum stage for day.

	LOCATION				AXIMUM DISC		PERIOD C	F RECORD	DATUM OF GAGE			
		1/4 SE	C. T. 8 R.,		OF RECO	RD	0.000.14000	GAGE HEIGHT	PE	RIOD	ZERO	REF.
LATITUDE	LONGITUDE		8. 8 M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
38 35 20	121 30 15	NW 35	9N 4E	104,000	30.14	11-21-1950	04- 05 JUN 21-NOV 21 MAY 24-DEC 42 0 MAY 43-DATE	JAN 04-JULY 05 20-DATE	1904 1956 1956	1956 1965	0.12 0.00 2.93 -0.23 0.00	USCGS USCGS USED USCGS USCGS

Station located 1,000 feet above 1 Street bridge, 0.5 mile below the American River. Below approximately 30,000 cfs the stage-discharge relationship is affected by tidal influence. Maximum discharge listed at site and datum then lo use. Drainage area is 23,530 square miles.

[&]quot; - Irrigation season only.

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	В91850	SACRAMENTO RIVER NEAR FREEPORT

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	4.39 3.03	4.45 2.72	13.70 A 11.71 A	12.15 A 12.00 A	12.48 A 11.48 A	4.58 3.25	14.95 A 14.31 A	5.56 4.46	7.56 7.17	6.02 5.06	5.19 3.69	6.70 5.82	1
2	4.64 3.19	4.62 2.70	16.42 A 13.73 A	12.11 A 11.96 A	11.47 A 10.47 A	4.29 3.02	14.30 A 13.52 A	5.27 4.62	7.62 7.29	6.06 5.08	5.33 3.82	6.98 5.99	2
3	4.93 3.33	4.68 2.82	16.83 A 16.43 A	11.95 A 11.78 A	10.47 A 9.93 A	4.18 2.79	13.51 A 12.75 A	5.51 5.00	7.81 7.45	6.04 4.93	5.56 3.95	6.77 5.87	3
4	4.82 3.45	4.61 3.12	17.31 A 16.64 A	11.78 A 10.98 A	10.05 9.81	4.48 3.03	12.75 A 11.90 A	5.80 5.22	7.92 7.23	6.09	5.66 3.97	6.74 5.85	4
5	5.01 3.16	4.55 3.03	17.63 A 17.32 A	10.96 A 9.98 A	9.62 9.38	3.95 2.58	11.89 A 10.95 A	6.04 5.56	7.75 7.09	6.16 4.87	5.55 4.05	6.69 5.89	5
6	4.69 3.17	4.50 3.12	17.53 A 17.22 A	9.97 9.27	9.34 8.98	3.87 3.00	10.94 A 10.27 A	6.58	7.65 6.96	6.25 4.87	5.67 4.25	6.54 5.73	6
7	4.30 2.64	4.32 3.26	17.32 A 17.18 A	9.53 9.15	9.03 8.68	4.10 2.52	10.32 A 9.79 A	6.97 6.37	7.68 6.87	6.34 4.84	5.69 4.30	6.28 5.46	7
8	4.15 2.29	4.67 3.65	17.24 A 17.03 A	9.22 8.76	8.60 8.22	4.06 2.75	9.91 9.67	7.11 6.48	7.63 6.72	6.21 4.63	5.52 4.23	6.50 5.49	8
9	3.49 2.33	5.01 3.92	17.09 A 16.90 A	8.96 8.45	8.08 7.72	4.10 2.78	9.91 9.64	7.21 6.56	7.51 6.48	5.99 4.46	5.31 4.27	6.61 5.62	9
10	4.35 2.67	5.22 3.91	16.94 A 16.67 A	8.74 8.11	7.70 7.28	4.09 2.92	9.79 9.34	7.51 6.83	7.27 6.06	5.69 4.20	5.33 4.21	6.67 5.69	10
11	4.34 2.75	5.85 4.05	17.03 A 16.70 A	8.62 7.89	7.45 7.05	4.14 3.00	9.44 8.95	7.88 7.13	6.91 5.77	5.43 4.10	5.77 4.43	6.50 5.71	11
12	4.38	6.09 5.11	17.07 A 16.90 A	8.92 7.80	7.30 6.91	5.31 3.24	9.28 8.84	8.12 7.31	6.74 5.67	5.22 4.09	6.02 4.67	5.92 5.56	12
13	4.47 2.98	5.70 4.74	16.90 A 16.70 A	9.51 8.59	7.23 6.80	5.52 4.34	9.23 8.75	8.00 7.19	6.49 5.50	5.14 4.00	6.17 4.92	6.46 5.44	13
14	4.66 3.10	5.56 4.35	16.70 A 16.40 A	9.51 9.07	7.14 6.65	7.76 5.34	9.19 8.68	7.87 7.14	6.09 5.28	5.46 4.02	5.31 5.03	6.40 5.51	14
15	4.64 3.06	551 4.15	16.39 A 16.01 A	9.47 9.04	7.15 6.50	8.37 7.77	9.11 8.55	7.86 7.25	5.95 5.17	4.76 4.22	6.29 5.12	6.54 5.74	15
16	4.71	5.27 4.01	16.01 A 15.88 A	10.01 A 9.48 A	6.87 6.27	8.36 7.93	9.02 8.39	7.60 6.93	6.01 5.05	5.66 4.41	6.36 5.16	6.68 5.89	16
17	4.67 2.89	5.05 3.83	15.88 A 15.68 A	11.19 A 9.97 A	6.94 6.20	8.18 7.66	8.83 8.23	7.31 6.86	6.14 5.19	5.89 4.45	6.30 5.17	6.89 6.27	17
18	4.49 2.78	4.96 3.82	15.70 A 15.58 A	12.70 A 11.20 A	6.59 5.67	7.95 7.28	8.45 7.80	7.33 6.89	6.41 5.30	5.79 4.29	6.27 5.19	6.94 6.12	18
19	4.55 2.59	5.13 4.07	15.58 A 15.40 A	15.54 A 12.72 A	6.35 5.17	7.61 6.85	8.05 7.51	7.47 6.55	6.46 5.48	5.92 4.41	6.27 4.97	6.42 5.64	19
20	4.29 2.67	5.21 4.41	15.40 A 15.21 A	16.99 A 15.58 A	5.82 5.26	7.39 6.52	7.95 7.41	7.20 6.37	6.65 5.37	6.03 4.47	6.11 5.14	6.26 5.51	20
21	4.12 2.62	5.55 4.76	15.26 A 15.14 A	17.18 A 16.99 A	5.84 4.91	7.09 6.24	7.82 7.11	7.17 6.09	6.51 5.17	6.06 4.43	6.05 5.10	6.24 5.49	21
22	3.81 2.66	5.66 4.82	15.15 A 15.02 A	17.16 A 16.94 A	5.91 4.74	6.87 6.05	7.62 6.89	7.00 5.98	6.47 5.08	5.89 4.35	5.86 5.02	6.17 5.46	22
23	3.86 2.55	5.71 4.92	15.03 A 14.92 A	16.99 A 16.76 A	5.55 4.66	6.84 6.23	7.45 6.56	7.10 5.93	6.43 5.08	5.79 4.36	5.67 4.78	6.25 5.44	23
24	3.91 2.77	5.95 5.06	14.98 A 14.75 A	16.78 A 16.51 A	5.53 4.32	6.76 6.06	7.24 6.23	7.04 5.72	6.30 5.00	5.62 4.23	5.87 4.75	6.37 5.45	24
25	3.94 2.75	6.40 5.26	14.74 A 14.04 A	16.51 A 16.24 A	4.79 4.04	7.48 6.17	6.87 5.76	6.86 5.60	6.25 5.09	5.40 4.04	6.25 5.31	6.04 5.33	25
26	3.78 2.75	6.75 5.49	14.02 A 13.20 A	16.22 A 15.74 A	4.26 3.45	9.62 A 7.29 A	6.89 5.62	6.73 5.41	6.02 4.89	5.14 4.14	6.43 5.64	5.87 5.03	26
27	3.63 2.61	7.41 5.84	13.20 A 12.34 A	15.74 A 15.26 A	4.43 3.50	12.42 A 9.65 A	6.67 5.40	6.58 5.47	5.90 4.85	5.16 4.12	6.47 5.68	5.47 4.68	27
26	3.73 2.58	8.20 6.83	12.33 A 11.78 A	15.25 A 14.89 A	4.69 3.64	14.14 A 12.43 A	6.60 5.36	6.31 5.54	6.23 5.58	5.06 3.90	6.48 5.68	4.83 4.36	28
29	4.09 2.57	10.27 A 7.71 A	11.77 A 11.48 A	14.90 A 14.40 A		14.86 A 14.14 A	6.30 4.87	6.60 6.03	5.90 5.37	5.02 3.77	6.58 5.63	5.33 4.13	29
30	4.42	11.81 A 10.27 A	11.98 A 11.48 A	14.39 A 13.56 A		15.01 A 14.85 A	5.61 4.42	7.37 6.89	6.10 5.14	5.03 3.74	6.59 5.65	5.53 4.23	30
31	4.38		12.18 A 11.88 A	13.55 A 12.50 A		15.03 A 14.81 A		7.58 7.15		4.00 3.72	6.63 5.72		31
MUMIXAM	5.01	11.81 A	17.63 A	17.18 A	12.48 A	15.03 A	14.95 A	8.12	7.92	6.34	6.63	6.98	MAXIMUM
MINIMUM	2.29	2.70	11.48 A	7.80	3.45	2.52	4.42	4.46	4.85	3.72	3.69	4.13	MINIMUM

A - High flows affected the normal tidel pattern. Gage heights listed are maximum and minimum stage for day.

	LOCATION				MAXIMUM DISC		PERIOD	OF RECORD	DATUM OF GAGE				
		1/4 SF	C. T. & R.,		OF RECOF	<u> </u>	DISCHARGE	GAGE HEIGHT	PEF	100	ZERO	REF.	
LATITUDE	LONGITUDE		.в. а м.	CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	то	ON GAGE	DATUN	
38 28 23	121 31 58	SW 10	7N 4E		23.9	12-23-1955		AUG 1955-DATE	1955 1956	1956	4.93 0.00	USCGS	
									1964	1964	0.43	USCG	

WATER YEAR	STATION NUMBER	STATION NAME
1971	B91750	SACRAMENTO RIVER AT SNODGRASS SLOUGH

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	6.72 4.71	6.94 4.33	12.32 10.63	11.40 10.87	11.56 A 10.66 A	6.68 4.52	13.30 12.71	7.16 5.25	7.94 6.84	6.34 5.83	5.91 4.98	8.08 6.19	1
2	7.00 4.79	7.10 4.32	14.40 12.18	11.40 10.89	10.95 A 9.78 A	6.42 4.29	12.79 12.06	6.72 5.27	8.02 7.06	7.64 5.91	7.53 5.08	8.37 6.37	2
3	7.32 4.97	7.15 4.46	14.98 14.33	11.17 10.68	10.38 A 9.28 A	6.37 4.14	12.17 11.44	6.83 5.61	8.28 7.24	7.70 5.71	7.79 5.20	8.12 6.24	3
4	7.22 5.09	6.98 4.62	15.17 14.50	10.99 10.13	10.12 8.96	6.77 4.48	11.60 10.77	7.17 5.68	8.47 7.17	7.83 5.69	7.90 5.19	8.09 6.26	4
5	7.44 4.81	6.85 4.56	15.51 15.03	10.50 9.37	9.90 8.59	6.13 3.97	11.01 10.07	7.21 6.09	8.44 6.98	7.95 5.69	7.78 5.21	8.10 6.43	5
6	7.17 4.87	6.65 4.57	15.40 14.98	10.09 8.83	9.74 8.86	6.08	10.52 9.49	7.87 6.68	8.44 6.90	8.13 5.70	7.83 5.32	7.96 6.36	6
7	6.59 4.39	6.40 4.63	15.39 14.93	9.92 8.50	9.54 8.40	6.39 4.23	10.07 9.13	8.23 6.87	8.64 6.87	8.27 5.73	7.77 5.37	7.77 6.05	7
8	5.64 4.03	6.56 4.79	15.39 14.87	9.82 8.73	9.27 8.16	6.35 4.27	9.79 9.03	8.31 6.85	8.67 6.80	8.20 5.61	7.54 5.30	8.06 6.10	8
9	5.92 4.10	6.93 5.02	15.29 14.75	9.72 8.27	8.80 7.62	6.40 4.65	9.79 8.98	8.32 6.86	8.73 6.74	8.03 5.48	7.21 5.28	8.19 6.23	9
10	6.85 4.45	7.35 5.16	15.09 14.54	9.61 8.08	8.51 7.41	6.35 4.43	9.86 8.82	8.61 7.08	8.65 6.40	7.75 5.22	7.28 5.26	8.23 6.24	10
-11	6.84 4.53	7.74 5.53	15.14 14.54	9.58 7.95	8.31 7.22	6.28	9.62 8.50	8.99 7.35	8.34 6.17	7.44 5.14	7.72 5.52	7.99 6.21	11
12	6.89 4.82	7.85 6.33	15.22	9.65 7.91	8.14 7.13	7.44 4.63	9.52 8.38	9.20 7.46	8.17 6.13	7.12 5.09	7.88 5.69	7.89 6.01	12
13	6.99	7.65 5.86	15.10 14.69	10.01	8.11	7.02	9.59 8.34	9.00 7.31	7.86 5.95	7.07 5.03	7.98 5.78	7.04 5.95	13
14	7.18 4.96	7.60 5.44	14.81	9.82 8.75	8.14 7.02	8.05 6.10	9.59 8.30	8.85 7.24	7.34 5.69	7.47 5.11	8.04 5.80	7.88 6.01	14
15	7.17 4.93	7.63 5.32	14.47	9.54 8.70	8.24 7.10	8.79 7.69	9.58 8.20	8.80 7.38	7.38 5.58	7.74	6.88 5.83	7.95 6.18	. 15
16	7.25 4.73	7.38 5.25	14.35	9.78 8.88	8.02	8.83 7.82	9.51 8.16	8.33	6.64	8.02 5.57	8.08 5.84	8.07 6.37	16
17	7.20 4.68	7.07 5.10	14.14	10.24	8.21 6.90	8.77 7.61	9.36 8.02	7.94 6.87	7.65 5.92	6.41	8.04 5.83	8.29 6.70	17
18	7.02 4.56	6.91	14.05 13.73	11.33 A 10.22 A	7.86 6.35	8.59 7.33	8.87 7.59	8.06 6.96	8.07 6.07	7.89 5.33	7.95 5.85	8.20 6.58	18
19	7.08 4.36	6.76 5.17	13.91 13.61	13.49 A 11.34 A	7.78 5.73	8.44 7.04	8.61 7.45	8.33 6.55	8.14 6.03	8.01 5.43	8.04 5.86	7.75 6.26	19
20	6.73 4.40	6.80 5.36	13.75	14.79 A 13.51 A	7.19 5.52	8.40 6.87	8.69 7.48	8.17 6.65	8.28 5.98	8.15 5.5%	7.82 5.85	7.79 6.20	20
21	6.49 4.28	7.13 5.65	13.79 13.40	15.16 A 14.79 A	7.37 5.49	8.26 6.69	8.60 7.24	8.45 6.43	8.24 5.85	8.20 5.56	7.67 5.83	7.74 6.23	21
22	6.09 4.32	7.24 5.73	13.65 13.27	15.19 A 14.73 A	7.66 5.61	8.12 6.59	8.51 7.16	8.30 6.34	8.28 5.87	8.02 5.46	7.48 5.79	7.65 6.25	22
23	6.18 4.15	7.24 5.81	13.54	15.09 A 14.59 A	7.41	8.13 6.63	8.49 7.03	8.53 6.42	8.24 5.80	7.89 5.46	7.21 5.61	7.76 6.10	23
24	6.15 4.37	7.55 5.99	13.53	14.96 A 14.37 A	7.46 5.34	8.05 6.68	8.53 6.71	8.59 6.26	8.10 5.74	7.66 5.36	7.40 5.70	7.96 6.18	24
25	6.26 4.35	8.06 6.34	13.19	14.71 A 14.17 A	6.62 5.28	8.38 6.99	8.35 6.40	8.52 6.24	7.97 5.81	7.46 5.27	7.75 6.05	7.63 6.08	25
26	5.96	8.41	12.69	14.17 A 14.37 A 13.80 A	6.12 4.62	9.53 8.19	8.53 6.33	8.42 6.04	7.67 5.59	7.07	7.92	7.52	26
27	4.35 5.89 4.14	6.88 8.77 6.52	12.36 12.19 11.69	13.97 A 13.46 A	6.37 4.66	11.07 A 9.05 A	8.37 6.20	8.25 6.00	7.30 5.55	5.26 7.06 5.21	6.33 7.89 6.34	5.79 7.16 5.53	27
28	6.03 4.21	9.50 7.20	11.73	13.60 A 13.19 A	6.75 4.91	12.46 A 11.07 A	8.30 6.19	7.68 5.84	7.45 5.94	7.05 5.10	7.87 6.23	7.15 5.28	28
29	6.48	10.60	11.46	13.31 A 12.83 A	7.71	13.23 A 12.45 A	7.98 5.59	7.62 6.22	7.40 5.79	7.09 5.09	8.00 6.12	6.51 5.13	29
30	4.14 6.86	7.76 11.64	10.65	12.88 A		13.64 A 13.14 A	7.23 5.19	8.09 6.82	7.49 5.76	7.15	8.02	7.53 5.33	30
31	4.33 6.84	9.53	10.46	12.20 A		13.45 A	3.13	7.67 6.84	5.10	5.15 7.35	6.10 7.03	5.55	31
MAXIMUM	7.44	11.64	10.74	11.41 A 15.19 A	11.56 A	13.12 A 13.64 A	13.30	9.20	8.73	5.00 8.27	8.08	8.37	MAXIMUM
MINIMUM	4.03	4.32	10.46	7.91	4.62	3.93	5.19	5.25	5.55	5.00	4.98	5.13	MINIMUM

A - High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

	LOCATI	ON	M	MAXIMUM DISCHARGE OF RECORD		PERIOD (OF RECORD	DATUM OF GAGE			
		1/4 SEC. T. & R.,	1	OF RECOP	RD	212211222	GAGE HEIGHT	PEF	RIOD	ZERO	REF.
LATITUOE	LONGITUDE	M.D.B 8 M	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TD	ON GAGE	DATUM
38 21 02	121 31 56	SW 22 6N 4E		20.57	12-25-1964		AUG 1939-DATE	1939 1939	1964	0.00 -3.02 -3.40	USED USCGS USCGS
								1964	1301	-3.00	USCGS

Station located 0.2 mile above head of slough (leveed off from river), west of State Highway 160, 2.5 miles northeast of Courtland. At times, tidal fluctuation is influenced by operation of the Delta Cross Channel gates.

WATER YEAR	STATION NUMBER	STATION NAME
1971	B91650	SACRAMENTO RIVER AT WALNUT GROVE

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
ı	3.50 0.89	3.78 0.43	7.12 4.82	6.01 4.70	6.28 4.70	3.34 0.31	NR NR	3.50 0.75	3.39 1.39	3.99 1.43	2.41 0.79	4.29 1.28	'
2	3.77 0.93	3.96 0.43	7.91 5.71	6.10 4.71	5.98 4.12	3.10 0.07	6.43 5.36	3.02 0.66	3.47 1.78	2.25 1.37	4.24 0.85	4.56 1.46	2
3	4.09 1.10	4.00 0.57	8.09 6.82	5.71 4.47	5.59 3.71	3.09 -0.01	6.01 4.94	3.05 0.98	3.79 1.94	4.09 1.18	4.48	4.30 1.37	3
4	4.01 1.21	3.75 0.70	7.99 7.04	5.79 4.28	5.42 3.49	3.57 0.39	5.73 4.55	3.34	4.04	4.29 1.14	4.59 0.94	4.28 1.38	4
5	4.23 0.94	3.63 0.60	8.22 7.24	5.61 3.82	5.32 3.28	2.87	5.49 4.18	3.32 1.43	4.12 1.68	4.45 1.15	4.48	4.32 1.72	5
6	4.01 1.01	3.35 0.58	8.35 7.37	5.43 3.44	5.26 3.18	2.84	5.43 3.83	4.03 2.13	4.21 1.65	4.67	4.47 0.95	4.16 1.72	6
7	3.46 0.55	3.08 0.61	8.44 7.28	5.41 3.24	5.13 3.00	3.15 0.16	5.19 3.64	4.38	4.53 1.69	4.85 1.27	4.35 0.98	4.04	7
8	3.50 0.21	3.16 0.63	8.56 7.36	5.43 3.12	4.97 3.49	3.13 0.21	5.00 3.57	4.39	4.64	4.77 1.16	4.11 0.92	4.37 1.41	8
9	3.72 0.31	3.50 0.83	8.53 7.22	5.45 3.81	4.50 2.79	3.14 0.39	5.03 3.53	4.35	4.78 1.76	4.63	3.73 0.90	4.51 1.53	9
10	3.06 0.67	4.27 1.07	8.33 7.05	5.44 3.02	4.29	3.09 0.38	5.19 3.45	4.63 2.18	4.81 1.52	4.36 0.85	3.83 0.93	4.53 1.51	10
"	3.69 0.77	4.37	8.31 7.26	5.44 2.97	4.11	2.95 0.65	5.03 3.20	4.99 2.41	4.57 1.36	4.03 0.77	4.25 1.29	4.26 1.45	11
12	3.74 1.10	4.35 2.21	8.36 7.17	5.38 2.94	3.92 2.27	4.15 0.54	4.99 3.11	5.15 2.50	4.40	3.69 0.72	4.40 1.41	4.12 1.22	12
13	3.84 1.13	4.26	8.32 7.17	5.58 3.28	3.91 2.23	3.59 1.54	5.15 3.11	4.94	4.02 1.21	3.62 0.70	4.44	4.17 1.16	13
14	4.03 1.28	4.27 1.28	8.09 7.07	5.23 3.48	4.03 2.27	3.61 1.74	5.16 3.10	4.80 2.23	3.46 0.89	4.04 0.86	4.48	3.33 1.27	14
15	4.03 1.15	4.34	7.76 6.87	4.90 3.41	4.20 2.48	4.28 2.61	5.20 3.00	4.71 2.40	3.60 0.85	4.34 1.27	3.05	4.17	15
16	4.12 0.94	4.09 1.20	7.81 6.71	4.96 3.44	4.03 2.31	4.41	5.17 3.04	4.08 1.91	3.96	4.63 1.28	4.51 1.18	4.26 1.62	16
17	4.08 0.88	3.72 1.08	7.51 6.67	5.11 3.64	4.32 2.34	4.42 2.52	5.05 2.93	3.60 1.81	2.60 1.49	2.79 1.28	4.44	4.52 1.90	17
18	3.90 0.76	3.51 1.00	7.42 6.52	5.66 4.23	3.97 1.77	4.24	4.41 2.48	3.82 1.96	4.47 1.54	4.52 0.94	4.36	4.30 1.80	18
19	3.94 0.55	3.18 1.08	7.31 6.42	6.40 5.02	4.00 0.93	4.21	4.27 2.48	4.17 1.30	4.54 1.37	4.65 1.04	4.47	3.89 1.62	19
20	3.57 0.60	3.21 1.17	7.29 6.39	7.61 6.40	3.36 0.77	4.30 1.99	4.44	4.02 1.76	4.65 1.30	4.77 1.20	4.22	4.07	20
21	3.30 0.44	3.52 1.43	7.45 6.48	8.05 7.19	3.67 0.82	4.27 1.86	4.40 2.37	4.58 1.62	4.67 1.23	4.81 1.23	4.01 1.21	4.02 1.75	21
22	2.89	3.65 1.53	7.25 6.31	8.16 7.15	4.11 1.05	4.19 1.83	4.37 2.36	4.43 1.41	4.77	4.66 1.16	3.82 1.22	3.92 1.71	22
23	2.97 0.33	3.62 1.61	7.09 6.16	8.18 7.07	3.96 0.88	4.23	4.45 2.29	4.76 1.57	4.73 1.25	4.49 1.13	3.51 1.09	4.04	23
24	2.88	3.97 1.85	7.24 6.07	8.19 6.95	4.00 1.25	4.19	4.66	4.88	4.57	4.26 1.07	3.69 1.22	4.29 1.53	24
25	3.03	4.49	7.08 5.74	8.04 7.14	3.17	4.26	4.62 1.81	4.88 1.54	4.40 1.22	4.04	3.99	3.97 1.51	25
26	2.69	4.87	6.97 5.34	7.83 6.77	2.69	4.97 3.06	4.90 1.78	4.79	4.05	3.62	4.16 1.75	3.87 1.20	26
27	2.66	5.00	6.89 5.64	7.61 6.50	2.94	NR NR	4.78	4.60	3.66	3.59 0.96	4.10 1.72	3.57	27
28	2.83	5.67 3.72	6.71 4.93	7.33 6.26	3.36 0.72	NR NR	4.73 1.72	3.87	3.54 1.08	3.65 0.93	4.07	3.64	28
29	3.28	6.30	6.52 4.68	6.95 6.05		NIR NIR	4.38	3.56	3.56	3.73	4.19	4.11	29
30	3.70 0.43	6.95 4.10	6.34 4.51	6.75 5.70		NR NR	3.56 0.62	3.63	3.76 1.20	3.83	4.24	3.00	30
31	3.68		6.22	6.51 5.24		NR NR		2.91		4.05 0.82	2.94		31
MAXIMUM	4.23	6.95	8.56	8.19	6.28	NR	NR	5.15	4.81	4.85	4.59	4.56	MAXIMUM
MINIMUM	0.21	0.43	4.51	2.94	0.37	NR	0.62	0.66	0.85	0.70	0.79	0.72	MINIMUM

	LOCATION			AXIMUM DISC		PERIOD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. 8 R.,	٦	OF RECO	RD	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATTIONE	LUNGITUDE	M.D.B. & M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TD	GAGE	DATUM
38 14 22	121 30 57	SW 35 5N 4E		12.24	12-25-1964		FEB 1929-DATE	1929 1931 1940 1940	1931 1940	0.00 0.33 0.00 2.84	USED USED USCGS USED USCGS
								1964		0.00	USCGS

TABLE B-12 (CONT.) DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	B91560	YOLO BYPASS NEAR LISBON

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	6.42 2.75	6.61 2.27	10.10 8.98	9.76 9.33	11.53 A 11.12 A	6.48 2.08	11.45 A 11.31 A	6.39 2.06	6.72 4.16	6.35 3.02	5.26 2.40	6.91 2.41	1
2	6.66	6.76 2.39	10.46	9.83 9.45	11.12 A 10.40 A	6.29 1.93	11.45 A 11.34 A	5.90 2.01	6.81 4.50	6.55 2.79	6.93 2.50	7.21 2.46	2
3	6.91 2.99	6.73 2.57	11.40 A 10.40 A	9.45 9.06	10.39 A 9.28 A	6.23 1.93	11.35 A 11.16 A	5.97 2.50	7.05 4.64	6.72 2.52	7.22 2.60	6.90 2.27	3
4	6.83 3.11	6.69 2.82	13.51 A 11.42 A	9.27 8.67	9.30 A 7.78 A	6.57 2.33	11.16 A 10.92 A	6.34 2.27	7.27 4.34	6.98 2.44	7.27 2.40	7.05 2.52	4
5	7.13 2.75	6.59 2.84	15.39 A 13.53 A	9.16 8.35	8.13 6.24	5.90 1.65	10.92 A 10.51 A	6.21 2.71	7.25 3.78	7.10 2.30	7.14 2.33	7.14 3.12	5
6	6.83 2.97	6.35 2.69	15.65 A 15.40 A	8.99 8.05	7.66 6.35	5.90 1.69	10.54 A 9.21 A	6.56 2.89	7.28 3.37	7.29 2.37	7.11 2.31	7.10 3.25	6
7	6.17 2.29	6.18 2.77	15.69 A 15.62 A	8.91 8.11	7.50 5.48	6.27 2.05	9.20 7.96	7.01 3.09	7.43 3.41	7.44 2.54	7.01 2.31	6.85 2.57	7
8	6.31 1.97	6.17 2.71	15.70 A 15.67 A	8.48 7.52	7.45 5.09	6.26 2.21	7.47 5.64	7.32 3.71	7.41 2.63	7.43 2.50	6.81	7.13 2.73	8
9	5.71 2.15	6.41 2.88	15.68 A 15.30 A	8.04 6.41	7.07 4.94	6.32	7.17 4.86	7.23 3.77	7.63 2.89	7.28 2.43	6.48 2.26	7.28 2.93	9
10	6.53 2.45	6.56 3.09	15.30 A 14.92 A	7.92 5.36	7.01 4.54	6.10 2.64	7.29 4.48	7.55 4.36	7.57 2.51	6.97 2.15	6.54 2.27	7.28 2.84	10
-11	6.50 2.58	6.91 3.40	14.92 A 14.79 A	7.95 4.74	6.85 4.36	6.03 2.13	7.19 3.93	8.06 5.09	7.32 2.33	6.65 1.98	6.98 2.97	7.01 2.78	11
12	6.61 2.98	6.70 3.16	14.81 A 14.78 A	7.86 4.75	6.62 4.29	6.97 2.41	7.14 3.43	8.26 5.49	7.21 2.60	6.39 2.04	7.08 3.16	6.85 2.48	12
13	6.76 2.97	6.68 2.65	14.78 A 14.58 A	7.88 5.05	6.65 4.10	6.52 2.93	7.34 3.35	8.02 5.49	6.87 2.35	6.26 2.01	7.06 2.87	5.92 2.37	13
14	6.94 3.18	6.73 2.50	14.57 A 14.07 A	7.41 5.05	6.82 4.11	7.11 4.21	7.17 3.04	7.86 5.42	6.25 1.83	6.68 2.33	7.11 2.60	6.91 2.42	14
15	6.89 3.06	6.83 2.57	14.06 A 13.43 A	7.62 5.20	6.98 4.45	7.17 5.29	7.22 2.91	7.76 5.54	6.23 1.76	6.95 2.90	5.81 2.54	6.86 2.51	15
16	6.94 2.74	6.63 2.70	13.42 A 12.94 A	7.78 6.54	6.83 4.31	7.01 4.89	7.21 3.38	7.11 5.15	5.33 2.13	5.59 2.92	7.14 2.36	6.96 2.74	16
17	6.91 2.68	6.32 2.59	12.94 A 12.39 A	9.45 A 7.38 A	7.09 4.41	6.79 4.24	6.98 2.74	6.63 5.27	6.55 2.74	7.21 2.95	7.10 2.36	7.16 2.97	17
18	6.74 2.53	5.92 2.93	12.39 A 11.99 A	10.61 A 9.48 A	6.67 3.92	6.46 3.74	6.20 2.08	6.66 5.07	7.03 2.75	7.17 2.31	6.97 2.32	6.96 2.85	18
19	6.84 2.33	5.67 2.72	11.99 A 11.61 A	11.76 A 10.62 A	6.80 3.27	6.59 3.57	6.23 2.67	7.34 4.81	7.18 2.48	7.27 2.39	7.05 2.62	6.60 2.76	19
20	6.50 2.55	5.67 2.71	11.60 A 11.20 A	12.89 A 11.77 A	6.23 2.86	6.71 3.16	6.67 2.78	7.57 4.71	7.24 2.25	7.40 2.59	6.97 2.54	6.81 3.00	20
21	6.23 2.33	5.93 2.77	11.24 A 11.16 A	15.02 A 12.91 A	6.85 2.84	6.97 3.30	6.55 2.44	7.70 4.16	7.25 2.17	7.41 2.64	6.70 2.47	6.70 3.11	21
22	5.83 2.46	6.09 2.79	11.16 A 11.03 A	15.23 A 15.01 A	7.27 2.94	7.04 3.18	6.57 2.60	7.74 3.83	7.32 2.56	7.28 2.57	6.58 2.54	6.64 3.15	22
23	5.86 2.20	6.06 2.81	11.03 A 10.83 A	15.22 A 14.90 A	7.05 3.63	7.13 3.24	6.72 2.56	8.12 3.98	7.41 2.36	7.18 2.57	6.32 2.33	6.74 2.88	23
24	5.85 2.34	6.38 3.09	10.84 A 10.54 A	14.90 A 14.46 A	7.31 2.93	7.13 3.52	6.92 2.24	8.14 3.37	7.27 2.40	6.95 2.52	6.42 2.60	7.07 3.13	24
25	5.87 2.30	6.93 3.38	10.54 A 10.09 A	14.45 A 13.93 A	6.34 3.06	7.14 3.65	6.95 2.26	7.91 3.08	7.06 2.44	6.76 2.52	6.65 3.04	6.70 3.02	25
26	5.61 2.29	7.28 4.32	10.16 A 9.71 A	13.93 A 13.39 A	5.99 2.23	7.48 4.29	7.39 2.38	7.62 2.59	6.74 2.26	6.37 2.47	6.85 3.37	6.66 2.73	26
27	5.54 2.07	7.44 3.27	9.99 9.65	13.39 A 12.90 A	6.22 2.33	8.48 4.58	7.24 2.33	7.43 2.61	6.35 2.30	6.31 2.45	6.76 3.29	6.33 2.54	27
28	5.69 2.10	8.05 4.07	9.77 9.32	12.89 A 12.50 A	6.61 2.70	9.54 9.03	7.28 2.58	6.67 2.04	6.17 2.00	6.32 2.69	6.77 2.95	6.44 2.46	28
29	6.13 2.79	9.16 3.90	9.57 8.89	12.50 A 12.17 A		10.11 9.42	7.01 2.22	6.42 2.20	6.17 2.18	6.39 2.92	6.90 2.77	5.87 2.37	29
30	6.55 2.28	9.69 7.68	9.55 8.77	12.16 A 11.86 A		10.62	6.38 1.85	6.81 3.65	5.13 2.63	6.49 2.77	6.94 2.58	6.86 2.60	30
31	6.43		9.75 9.03	11.85 A 11.53 A		11.31 A 10.59 A		6.13 4.02		6.75 2.54	5.72 2.50		31
MAXIMUM	7.13	9.69	15.70 A	15.23 A	11.53 A	11.31 A	11.45 A	8.26	7.63	7.44	7.27	7.28	MAXIMUM
MINIMUM	1.97	2.27	8.77	4.74	2.23	1.65	1.85	2.01	1.76	1.98	2.22	2.27	MINIMUM

NR - No record. A - High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

	LOCATION		м	AXIMUM DISCI		PERIOD	DATUM OF GAGE				
		1/4 SEC. T. 8 R.		OF RECOR	ID .	0.00.140.00	GAGE: HEIGHT	PERIO0		ZERO	REF.
LATITUDE	LONGITUDE	M. O. B. B. M	CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	TD	ON GAGE	DATUM
38 28 30	121 35 14	SE 1 7N 3E					FEB 1959-DATE	1959 1962 1962	1962 1964	0.43 0.00 -3.04 -3.39	USED USED USCGS USCGS
								1964		-3.00	USCGS

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	B91210	SACRAMENTO RIVER AT RIO VISTA

DATE	OCTOBER .	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
DATE	6.38	6.72	8.08	6.52	6.88	6.16	6.52	6.16	5.98	JULY 6.72	7.12	7.30	DATE
	2.50	3.60	3.10	2.01	2.70	1.38	1.86	1.70	2.01	3.02	2.40	2.10	
2	6.64 2.70	6.88 1.78	7.80 3.20	6.48 2.20	6.94 2.48	1.18	6.10 1.80	5.76 1.70	6.32 2.70	6.88 2.70	7.34 2.34	7.24 2.20	2
3	6.96 3.70	6.88 1.98	7.28 2.74	5.94 1.70	6.70 2.10	5.92 1.22	5.90 1.80	6.00 2.04	6.54 2.60	7.08 2.40	5.70 2.30	7.06 1.94	3
4	6.88 2.80	6.60 2.10	6.78 2.90	6.36 2.01	6.66 1.98	6.28 1.68	5.78 1.90	5.20 2.00	6.58 2.32	5.26 2.30	7.50 2.20	7.08 2.10	4
5	7.10 2.50	6.44 2.00	6.54 2.48	6.68 2.18	6.72 1.90	5.68 0.98	6.04 2.40	5.94 2.48	6.72 2.14	7.26 2.20	7.40 2.10	7.14 2.70	5
6	6.86 2.58	6.14	6.82 2.70	6.70 1.90	6.82 1.90	5.62 0.98	6.20 2.40	6.36 2.60	6.86 2.08	7.50 2.24	7.40 2.10	6.94 2.72	6
7	6.32 2.08	5.88	7.28 3.10	6.94 1.88	6.78 1.86	5.96 1.40	6.28 2.50	6.70 2.50	7.14 2.18	7.68 2.34	7.28 2.10	6.84	7
8	6.38 1.70	5.94 1.90	7.72 3.60	7.14 1.98	6.74 1.90	5.94 1.50	6.18 2.50	6.68 2.16	7.30 2.10	7.60 2.10	7.00 2.10	7.18 2.40	8
9	6.60 1.86	6.30 2.18	7.86 3.01	7.34 2.10	6.28 1.60	5.94 1.70	6.22 2.40	6.60 1.80	7.46 2.28	7.50 2.06	6.60 2.16	7.34 2.54	9
10	6.62 2.24	6.64	7.62 2.74	7.42 2.28	6.14 1.70	5.84 1.70	6.54 2.28	6.86 1.90	7.48 1.98	7.18 1.84	6.74 2.30	7.30 2.50	10
11	6.22 2.30	6.96 2.20	7.56 2.64	7.50 2.40	6.00 1.88	5.70 1.90	6.50 2.00	7.20 2.20	7.28 1.98	6.90 1.80	7.16 2.98	7.04 2.40	11
12	6.66	6.88 1.80	7.64 2.70	7.32 2.70	5.76 2.00	6.70 2.60	6.52 1.90	7.22 2.10	7.10 2.00	6.52 1.84	7.28 2.94	6.88 2.18	12
13	6.80 2.80	6.90 1.60	7.70 2.70	7.24 4.28	5.84 2.88	6.14	6.78 2.10	7.04 1.90	6.74 1.80	6.48 1.98	7.30 2.70	6.94 2.08	13
14	7.00 2.70	6.90 1:68	7.40 4.78	6.66	6.06 2.30	5.92 2.10	6.80 2.08	6.88	6.14 1.60	6.94 2.40	7.32 2.48	6.96	14
15	7.00	6.98 3.80	7.08 2.50	6.22 2.30	6.28 2.80	5.90 1.86	6.80 2.08	6.76 2.01	6.34	7.22 3.12	7.32 2.30	6.20 2.30	15
16	7.14 3.30	6.74 1.78	7.34 2.80	6.00	6.18 2.70	6.00	6.80	5.92 1.22	6.74	7.50 2.84	7.24	7.04 2.60	16
17	7.06 2.30	6.36	6.68	6.00	6.54	6.04 1.72	6.68	5.76	7.22	7.40 2.70	5.84	7.24	17
18	6.84 2.20	6.06	6.64	6.14	6.10	5.92	5.88 1.62	6.22	7.34 2.62	7.52 2.10	7.20	7.00	18
19	6.82	5.64 1.78	6.48	6.34	6.32	6.00	5.88	5.66	5.52	5.86	7.34 2.50	6.66	19
20	6.42	5.72 1.78	6.62 3.00	6.54 2.78	6.04 1.46	6.26 1.78	6.24	5.48	7.46 2.08	7.68 2.38	7.06 2.34	6.82	20
21	6.10	6.02	7.14	6.68	6.36	6.36	6.30	7.22	7.50	7.70	6.84	6.78	21
22	1.98 5.72	6.16	3.90 6.78	6.92	6.86	6.42	6.34	7.14	7.50	7.54	6.62	6.70	22
23	5.80	6.16	3.10 6.54	7.22	6.74	6.50	6.58	7.56	7.50	7.38	6.28	6.78	23
24	1.90 5.72	2.44 6.50	2.60 6.90	2.60 7.50	1.60 6.72	1.84 6.54	2.20 6.96	7.64	7.32	7.12	2.38 6.48	3.70 6.98	24
25	2.10	2.50 7.04	2.40 6.92	2.58 7.42	6.00	1.98 6.48	1.96 7.08	2.10 7.64	2.06 7.18	2.30 6.88	2.70 6.76	2.78 6.74	25
26	2.12 5.56	2.70 7.34	7.26	2.38 7.30	1.20 5.46	2.30 6.86	1.78 7.40	7.50	2.01 6.74	2.38 6.44	3.00 6.90	2.70 6.62	26
27	2.10 5.50	2.56 7.44	2.20 7.62	2.28 7.26	1.42 5.62	2.60 6.84	1.80 7.30	1.90 7.30	1.96 6.40	2.48 6.42	3.28 6.84	2.40 6.28	27
28	1.78	2.90	2.34	2.30	1.80	2.38	1.80	1.98	2.01 6.22	2.50 6.48	3.10 6.78	2.20 6.40	28
29	1.70	2.78 8.22	2.50 7.58	3.52	2.01	2.18	1.90	1.40	1.98	2.78	2.80	2.10	29
30	1.80	3.00	4.30	2.28		7.62 2.30	1.68	1.68	2.20	3.10	2.60	1.94	30
31	6.70	8.32 4.90	7.26 2.24	2.20		2.70	1.48	1.94	2.70	2.80	2.40	2.30	
	6.60 1.70		6.90 2.10	6.58		6.90		5.88 1.80		6.92 2.54	7.02		31
MUMIXAM	7.14	8.32 1.60	8.08 2.10	7.50 1.70	1.20	7.62 0.98	7.40 1.48	7.64 1.20	7.50 1.60	7.70 1.80	7.50	7.34 1.94	MAXIMUM

	LOCATION				AXIMUM DISC		PERIOD	DATUM OF GAGE				
LATITUDE LONGITUDE		1/4 SE	C. T. & R.,		OF RECOF	10	0.00	GAGE HEIGHT	PERIOO		ZERO	REF.
LATITUDE	LONGITUDE		B. B. M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
38 08 42	121 41 30	SW 31	4N 3E		10.2	12-26-1955		1925-DATE	1925 1961 1961	1044	0.00 -0.57 -3.63	USED USED USCGS
									1964	1964	-3.80 -3.00	USCGS

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	B91110	SACRAMENTO RIVER AT COLLINSVILLE

DATE	OCTOBER	NOVEM8ER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
ı	5.70 2.14	6.05 1.39	7.30 4.53	5.74 1.54	6.12 2.25	5.47 1.03	5.75 1.30	5.41 1.26	5.17 1.60	5.94 2.52	6.34 1.91	6.50 1.59	1
2	5.97 2.20	6.20 3.58	7.05 5.07	5.78 1.75	6.20 1.97	5.25 0.92	5.34 1.23	5.00 1.25	5.53 2.23	6.07 2.21	6.55 1.86	5.07 1.75	2
3	6.20 2.25	6.21 1.53	6.52 2.21	5.22 1.27	5.99 1.62	5.23 0.93	5.18 1.34	5.20 1.52	5.78 2.17	6.29 1.94	6.70 1.83	6.28 1.57	3
4	6.16 3.47	5.96 1.74	6.00 2.43	5.59 1.64	5.93 1.45	5.55 1.16	5.04 1.40	5.20 1.57	5.90 1.85	6.46 1.78	4.93 1.72	6.30 1.75	4
5	6.31 2.04	5.80 1.67	5.74 1.92	5.94 1.70	5.97 1.41	5.01 0.92	5.25 1.79	5.57 2.05	4.43 1.64	4.80	6.59 1.63	6.33 2.21	5
6	6.16 2.12	5.51 1.60	6.00 2.11	5.96 1.43	6.08 1.47	4.97 0.92	5.26 1.81	5.93 2.16	6.04 1.55	6.70 1.72	6.64 1.68	6.15 2.27	6
7	5.68 1.71	5.19 1.62	6.45 2.53	6.21 1.39	6.05 1.38	5.23 0.97	5.44 1.96	5.83 1.36	6.31 1.61	6.91 1.78	6.50 1.69	6.09 2.02	7
8	5.72 1.33	5.25 1.55	6.92 2.89	6.41 1.48	5.99 1.44	5.28 1.09	5.34	6.38 1.48	6.53 1.54	6.78 1.58	6.19 1.69	6.41 2.48	8
9	5.96 1.46	5.62 1.85	7.05 2.38	6.61 1.61	5.56 1.15	5.23 1.23	5.42 1.95	5.88 1.46	6.67 1.61	6.68 1.47	5.80 1.73	6.55 2.12	9
10	5.90 1.85	5.93 1.91	6.83 2.07	6.71 1.81	5.44 1.27	5.13 1.34	5.74 1.79	6.12 1.58	6.71 1.53	6.35 1.36	5.93 1.96	6.50 2.06	10
- 11	5.47 1.94	6.23 1.84	6.76 1.94	6.76 1.93	5.28 1.50	5.05 1.59	5.64 1.57	6.43 1.70	6.52 1.47	6.10 1.37	6.31 2.54	6.26 1.93	11
12	5.88 2.16	6.21 1.44	6.86 2.03	6.59 2.17	5.04 1.58	5.95 2.27	5.72 1.47	6.41 1.52	6.34 1.42	5.78 1.46	6.41 2.50	6.12 1.72	12
13	6.03 2.35	6.20 1.26	6.92 2.04	6.50 2.03	5.09 1.91	5.40 2.02	5.94 1.64	6.24 1.37	5.91 1.31	5.70 1.62	6.50 2.20	6.19 1.65	13
14	6.26 2.13	6.20 1.29	6.62 1.90	5.94 1.88	5.32 2.35	5.18 1.74	6.06 1.57	6.11 1.29	5.39 1.15	6.10 2.04	6.53 2.02	6.21 1.82	14
15	6.30 1.90	6.28 1.36	6.38 4.06	5.51 3.47	5.48 2.42	5.15 1.41	6.03 1.51	5.94 1.34	5.54 1.33	6.38 2.55	6.51 1.85	5.44 1.92	15
16	6.36 1.78	6.04 3.57	6.56 2.20	5.24 1.82	5.47 2.31	5.25 1.46	5.97 1.66	5.15 0.82	5.96 1.84	6.62 2.30	6.47 1.73	6.23 2.14	16
17	6.34 3.42	5.66 1.32	5.95 2.32	5.24 1.91	5.81 2.28	5.40 1.29	5.93 1.62	4.92 0.83	6.43 2.31	6.58 2.10	5.02 1.72	6.39 2.43	17
18	6.15 1.70	5.37 1.29	5.88 2.21	5.38 2.24	5.37 1.61	5.31 1.21	5.14 1.07	5.34 1.20	6.53 2.07	6.73 1.70	6.43 1.74	6.21	18
19	6.12 1.58	4.93 1.39	5.76 2.15	5.60 2.57	5.61 1.22	5.32 1.25	5.17 1.36	5.76 1.56	6.61 1.76	5.03 1.70	6.49 1.99	5.88 2.35	19
20	5.75 1.72	5.00 1.41	5.91 2.49	5.83 2.26	5.42 1.01	5.58 1.32	5.43 1.59	6.33 2.16	4.77 1.58	6.85 1.84	6.25 1.84	5.95 2.60	20
21	5.51 1.58	5.28 1.75	6.42 3.46	5.97 2.01	5.67 1.01	5.55 1.23	5.07 1.44	4.69	6.69 1.54	6.85 1.88	6.01 1.85	5.97 2.38	21
22	5.04 1.84	5.43 1.97	6.07 2.61	6.20 1.96	6.07 1.37	5.65 1.24	5.47 1.71	6.35 1.61	6.76 1.53	6.70 1.84	5.81 1.94	5.90 2.21	22
23	5.14 1.55	5.40 2.08	5.82 2.13	6.46 1.88	6.10 1.23	5.79 1.38	5.78 1.68	6.73 1.72	6.75 1.51	6.51 1.84	5.52 2.04	5.92 3.26	23
24	5.06 1.70	5.78 2.17	6.21 1.93	6.72 1.85	5.98 1.36	5.76 1.53	6.13 1.45	6.86 1.57	6.61 1.51	6.33 1.82	5.66 2.32	6.14 2.18	24
25	5.15 1.74	6.30 2.34	6.19 1.66	6.65 1.68	5.38 0.93	5.74 1.87	6.28 1.34	6.78 1.49	6.33 1.51	6.02 1.90	5.92 2.52	5.98 2.32	25
26	4.94 1.78	6.58 2.12	6.53 1.72	6.51 1.63	4.80 0.98	6.09 2.24	6.63 1.38	6.76 1.40	5.99 1.51	5.61 1.99	6.09 2.72	5.87 1.98	26
27	4.85 1.44	6.73 2.54	6.88 1.79	6.48 1.66	4.86 1.42	6.03 1.92	6.50 1.28	6.53 1.55	5.65 1.56	5.57 2.06	6.00 2.56	5.57 1.83	27
28	5.05 1.36	7.26 2.37	6.94	6.19 1.68	5.40 1.55	6.12 1.67	6.48 1.28	5.89 1.02	5.38 1.56	5.65 2.29	5.96 2.20	5.68 1.63	28
29	5.56 1.50	7.49 2.52	6.83 1.69	5.70 1.63		6.39 1.77	6.11 1.12	5.51 1.21	5.43 1.80	5.71 2.59	6.06 2.04	6.18 1.55	29
30	6.02 1.57	7.53 2.62	6.46 3.51	5.54 2.50		6.72	5.56 1.02	5.26 1.44	5.66 2.30	5.89 2.30	6.22 1.84	5.67 1.87	30
31	5.93 1.38		6.14 1.57	5.79 1.79		6.12 1.33		5.13 1.34		6.14 2.06	6.24 1.72		31
MAXIMUM	6.36	7.53	7.30	6.76	6.20	6.72	6.63	6.86 0.82	6.76	6.91	6.70 1.63	6.55 1.55	MAXIMUM
	1.33	1.26	1.57	1.27	0.93	0.92	1.02	0.04	1.15	1.36	1.63	1.33	

	LOCATH	ON		N.	AXIMUM DISC		PERIOD	OF RECORD	DATUM OF GAGE				
	TITUDE LONGITUDE		1/4 SEC. T. B.R.,		OF RECOF	40	5,000,000	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE		8. 8 M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	ТО	ON GAGE	DATUM	
38 04 25	121 51 18	SW 27	3N 1E		9.2	4-6-1958		JUNE 1929-DATE	1929 1929	1964	0.00 -3.05 -3.54	USED USCGS USCGS	
Station lo	ested 0.4 mile	southwest	t of Collinsv	ille, 3.3 m	iles northes	sst of Pittsburg			1964		-3.00	USCGS	

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME	
1971	B95820	SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	3.00	3.44 1.69	5.01 3.34	5.26 4.68	4.55 3.63	3.30 2.11	3.46 1.52	2.98	2.57 0.92	3.07 1.36	NR NR	3.36 0.75	1
2	3.31 1.24	3.61 1.75	4.99 3.27	5.53 4.69	4.66 3.80	2.97 1.76	3.16 1.31	2.44	2.58 1.06	3.28 1.22	NR NR	3.62 1.02	2
3	3.70 1.41	3.70 1.87	4.37 2.99	5.14 4.67	4.89 3.84	2.89 1.54	2.95 1.23	2.44	2.86 1.24	3.42 1.03	NR NR	3.06 0.89	3
4	3.62 1.55	3.44 1.91	4.05 3.02	5.15 4.60	4.81 4.01	3.23 1.73	2.72 1.80	2.59 1.01	3.07 1.15	3.68 1.05	NR. NR	2.87 0.85	4
5	3.91 1.41	3.51 1.78	3.82 2.71	5.30 4.66	4.66 3.87	3.03 2.15	2.75 1.15	2.56 1.13	3.23 1.16	3.74 1.12	NR NR	3.31 1.29	5
6	4.09 1.92	2.89 1.92	4.54 3.09	5.27 4.65	4.69 3.73	2.71 1.48	2.58 1.25	2.77 1.36	3.34 1.08	4.00	3.30 0.55	3.18 1.37	6
7	3.57 2.31	3.26 1.94	4.94 3.85	4.93 4.36	4.52 3.77	2.87 1.34	2.63 1.14	3.08 1.43	3.67 1.29	4.08	3.14 0.50	2.98 1.08	7
8	2.65 1.94	2.93 1.91	5.35 4.27	4.82 3.90	4.61 3.74	2.97 1.63	2.62 1.36	3.08 1.31	3.73 1.24	3.84 1.07	2.88	3.11 1.04	8
9	3.58 2.02	3.19 1.93	5.33 4.26	4.87 3.77	4.37 3.69	2.97 1.77	2.62 1.33	3.17 1.60	3.83 1.42	3.78 1.09	2.45	3.50 1.14	9
10	3.70 2.16	3.41	4.88 3.69	4.89 3.81	4.30 3.60	2.83 1.68	3.01 1.45	3.60 1.90	4.04 1.59	3.40 0.81	2.52 0.44	3.55 1.11	ID
11	3.68 2.29	3.53 2.02	4.47 2.98	4.88 3.80	4.20 3.53	2.54	2.98 1.41	3.91 1.93	3.91 1.85	3.20 0.76	2.03	2.42	11
12	3.75 2.48	3.73 2.19	4.68 2.71	4.66 3.74	4.24 3.61	3.04 1.46	3.07 1.41	4.02 1.80	3.90 1.85	2.82	2.87 0.76	3.45 0.86	12
13	3.81 2.38	3.26 1.65	4.88 3.12	4.81 3.63	4.29 3.77	2.93 1.94	3.30 1.27	3.76 1.48	3.57 1.73	2.42 0.51	3.06 0.67	3.42	13
14	3.70 2.54	3.26 1.09	4.72 3.31	4.90 3.72	4.21 3.69	2.87 1.94	3.45 1.54	3.64 1.37	3.13	2.49	3.29 0.59	3.46	14
15	3.96 2.51	3.46 1.09	4.34 3.41	5.02 4.21	3.98 3.33	2.93 2.00	3.74 1.63	3.51 1.28	2.74 1.63	2.89 0.85	3.45 0.62	3.49	15
16	4.10 2.60	3.42 1.18	5.01 3.53	4.95 4.55	3.87 3.10	3.12 2.20	3.50 1.58	2.82	3.12 1.93	3.26 0.91	3.48 0.79	3.44	16
17	4.13	3.13	4.74 3.84	4.76 4.36	4.42 3.52	3.42	3.81	2.57	3.50	3.63 0.92	3.38	3.64	17
18	3.91 2.64	3.01 0.95	4.72 3.77	4.49 3.97	4.31 3.45	3.16 1.88	3.25 1.60	2.39	3.88 2.14	3.57 0.67	3.18 0.69	3.38	18
19	3.91 2.36	2.65 0.89	4.87 4.12	4.54 3.80	4.65 3.41	3.28	3.14	2.68	3.99	3.87 0.92	3.23 0.88	3.10 1.23	19
20	3.60 2.25	2.35 0.72	5.03 4.34	4.75 3.89	4.42 3.50	3.49	3.19	3.00	4.22	3.85	3.10 0.78	2.98	20
21	3.27 2.05	2.44	5.64 4.79	4.87	4.34	3.38 1.73	3.14	3.56 1.48	4.30	3.78 0.92	2.78 0.57	3.08	21
22	2.86	2.53	5.61 4.92	5.02 4.04	4.55	3.30 1.59	2.93 1.63	3.33	4.31	NR NR	2.64	3.14	22
23	2.89	2.54	5.72 5.06	5.14 4.14	4.50 3.50	3.15	2.88	3.68	4.19	NR NR	2.50 0.62	2.91	23
24	2.87 1.75	2.87	7.09 5.18	5.41	4.20 3.24	3.05 1.68	3.20 1.37	3.87 1.38	4.01	NR NR	2.60	3.69	24
25	2.93	3.36	5.79 5.14	5.39	3.72	2.81 1.73	3.18	3.85 1.41	3.76 1.62	NR NR	2.74	3.31	25
26	2.78 1.73	3.92 1.63	5.94 5.08	5.21 4.42	3.14 2.63	3.64 1.85	3.59	3.79 1.19	3.54 1.62	NR NR	3.26 1.05	3.22	26
27	2.42 1.50	3.55 1.73	6.07 5.15	4.98 4.21	3.06 2.30	3.79 2.66	1.30 3.49 1.15	3.68 0.93	3.19 1.49	NR NR	3.34 1.01	2.31	27
28	2.30 0.59	4.24	6.10 5.17	4.68 4.02	3.21 2.32	3.80 2.58	3.58 1.16	3.08 0.66	2.96	NR NR	1.72	3.28	28
29	2.97 0.53	4.77	5.93 5.15	4.34 3.81		3.90 2.54	3.34	2.90 0.97	3.23	NR NR	3.35 0.77	3.37	29
30	3.30 1.66	5.12 2.91	5.73 5.01	4.08		4.27	3.03	2.82	3.45 1.36	NR NR	3.65 0.79	3.80 2.29	30
31	3.30 1.77	2.71	5.44 4.85	4.12 3.44		2.70 3.94 2.11	0.64	1.26 2.71 1.13	1.50	NR NR	3.51 0.86	4.47	31
MAXIMUM	4.13	5.12	7.09	5.53	4.89	4.27	3.81	4.02	4.31	NR	NR	3.80	MAXIMUM
MINIMUM	0.53	0.72	2.71	3.44	2.30	1.34	0.64	0.66	0.92	NR	NR	0.75	MINIMUM

	LOCATION					AXIMUM DISC		PERIOD (DATUM OF GAGE				
		1/4 S	EC. T.	B. R	OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE		0.8. 8		CFS	GAGE HT.	DATE	DISCHARGE	DNLY	FROM	TO	GAGE	DATUM
37 47 12	121 18 21	SW 3	25	6E		24.4	12-10-1950		1920-DATE	1920 1943 1943	1943 1964	5.16 0.00 3.27 -0.17	USED USCGS USED USCGS
										1964	1304	0.00	USCG

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95740	SAN JOAQUIN RIVER AT BRANDT BRIDGE

DATE	OCTOBER	NOVEMBER	DECEMBER .	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	6.07 3.18	6.49 2.97	7.91 4.71	NR NR	6.76 3.88	6.07 3.03	6.32 2.75	5.98 2.54	5.62 2.54	6.10 3.37	6.62 2.80	6.80 2.90	'
2	6.34 3.18	6.67 3.01	7.79 4.74	NR NR	6.92 4.04	5.73 2.51	6.02 2.62	5.44 2.49	5.64 3.10	6.34 3.12	6.74 2.86	7.00 3.14	2
3	6.72 3.40	6.72 3.16	7.12 4.36	NR NR	6.83 3.96	5.75 2.42	5.82 2.63	5.44 2.76	5.95 3.13	6.50 3.00	7.03 2.91	6.64 2.95	3
4	6.65 3.50	6.40 3.26	6.62 4.31	NR NR	6.76 3.83	6.25 2.82	5.60 2.58	5.65 2.67	6.16 3.00	6.74 2.98	7.08 2.92	6.55 2.99	4
5	6.88 3.23	6.42 3.02	6.49 3.90	NR NR	6.77 4.80	5.77 2.33	5.77 3.03	5.62 2.91	6.31 2.98	6.90 3.00	6.92 2.88	6.59 3.55	5
6	6.90 3.40	6.14 3.11	6.79 3.84	6.84 4.10	6.85 3.78	5.58 2.22	5.72 2.97	5.87 3.20	6.43 2.95	7.11 3.03	6.82 2.83	6.47 3.53	6
7	6.37 3.43	5.80 3.11	7.09 4.22	6.96 4.77	6.75 3.83	5.82 3.50	5.68 3.50	6.16 3.21	6.74 3.04	7.24 3.10	6.67 2.83	6.31 3.25	7
8	6.41 2.96	5.80 3.03	7.58 4.71	7.10 3.90	6.74 3.74	5.84 2.59	5.69 3.12	6.16 2.96	6.87 3.03	7.10 3.05	6.41	6.66 3.23	8
9	5.64 3.06	6.08 3.15	7.79 5.06	7.26 3.91	6.30 3.78	5.82 2.72	5.70 2.98	6.16 2.88	6.98 3.19	7.00 3.04	6.06 2.76	6.89 3.36	9
10	6.56 3.41	6.34 3.46	7.52 4.48	7.29 4.00	6.16 3.55	5.73 2.85	6.05 3.11	6.46 3.08	7.12 3.12	6.73 2.78	6.07 2.79	6.94 3.34	10
11	6.51 3.51	6.52 3.38	7.29 3.92	7.29 4.07	5.99 3.55	5.51 2.80	5.99 2.96	6.82 3.26	6.96 3.12	6.41 2.74	6.50 3.21	6.77 3.19	-11
12	6.58 3.85	6.68 3.45	7.40 3.73	7.17 4.14	5.86 3.60	6.16 2.81	6.08 2.84	6.95 3.25	6.85 3.23	6.05 2.61	6.65 3.26	5.52	12
13	6.67 3.86	6.43 3.32	7.55 3.92	7.16 4.15	5.89 3.70	5.83 3.42	6.33 2.93	6.72 2.93	6.49 3.12	5.87 2.58	5.16 3.08	6.67 2.92	13
14	6.66	6.43 2.72	7.30 4.00	6.73 4.14	6.08 3.85	5.60 2.97	6.46 3.08	6.58 2.89	6.05 2.70	5.29 2.82	6.79 2.93	6.71	14
15	6.85 3.86	6.60 2.72	6.55 3.91	6.47 4.25	6.25 3.95	5.63 2.93	6.63 3.09	6.46 3.04	5.73 2.72	6.30 3.35	6.89	6.66 3.11	15
16	6.97 3.75	6.47 2.81	7.36 4.03	6.28 4.31	6.17 3.78	5.78 3.05	6.54 3.23	5.78 2.32	6.00 3.02	6.62 3.25	6.92 2.91	6.70 3.40	16
17	7.00 3.73	6.16 2.73	6.76 4.32	6.25 4.18	6.63 4.06	6.08 3.22	6.68 3.37	5.39 2.32	6.40 3.55	7.01 3.18	6.81 2.86	6.90 3.70	17
18	6.78 3.62	6.0i 2.60	6.43 4.12	6.25 4.05	6.26 3.52	5.89	5.92 2.69	5.32 2.53	6.84 3.52	6.90 2.81	6.70 2.91	6.71	18
19	6.80 3.37	5.51 2.60	6.67 4.20	6.45 4.08	6.81 3.59	6.03 2.68	5.82 2.94	5.67 2.85	6.99 3.33	7.07 2.96	6.78 3.17	6.30	19
20	6.44	5.42 2.47	6.73 4.41	6.72 4.17	6.55 3.37	6.30 2.82	5.99 3.28	6.11 3.34	7.11 3.36	7.17 3.11	6.53 3.02	6.46 3.52	20
21	6.14	5.62 2.62	7.34 5.00	6.88 4.11	6.51 3.41	6.20 2.82	6.00 3.09	6.80 3.38	7.19 3.37	7.18 3.17	6.30 2.95	6.47	21
22	5.72 3.08	5.71 2.75	7.10 4.96	7.06 5.01	6.93 4.49	6.17	5.85 3.10	6.54	7.26 3.40	7.02 3.07	6.13 3.04	6.40 3.61	22
23	5.74 2.91	5.70 2.81	6.95 4.77	7.29 4.18	6.89 3.73	6.14	5.93 3.03	6.90 3.19	7.17 3.25	6.82 3.02	5.86	6.44	23
24	5.72 3.10	6.02 3.15	7.23 5.29	7.55 4.22	6.67 3.59	6.11	6.33 3.11	7.06 3.16	7.01 3.14	6.59	6.01 3.10	6.78	24
25	5.81 3.04	6.50 3.65	7.21 4.69	7.46 4.39	6.17	5.83 3.05	6.36	7.06 3.22	6.80 3.16	6.44	6.29 3.41	6.58 3.46	25
26	5.61 3.10	7.04 3.44	7.46 4.57	7.28 4.32	5.52 3.18	6.35	6.68	7.02 3.01	6.53	6.06	6.58	6.54 3.12	26
27	5.38	6.74	7.77	7.15 4.22	5.59	6.50 3.71	6.63	6.83	6.18	5.90 2.94	6.63 3.55	6.34	27
28	5.41	7.40 3.17	7.82 4.75	6.84	5.92 3.22	6.52	6.68	6.22	5.96 2.89	5.98	6.63 3.28	5.56 2.85	28
29	5.96 2.45	7.84 3.88	7.66 4.81	6.40		6.75 3.57	6.42	5.95 2.57	5.36 3.16	6.12 3.25	6.78 3.05	6.43 3.04	29
30	6.31	7.98 4.49	NR NR	6.20		7.22 4.02	6.03	5.80 2.83	6.15 3.12	4.62	5.40 2.93	6.86	30
31	6.36		NR NR	6.40 3.73		6.73		5.82 2.53		6.31	6.85	5.05	31
MUMIXAM	7.00	7.98	NR	NR	6.93	7.22	6.68	7.06	7.26	7.24	7.08	7.00	MAXIMUM
MINIMUM	2.45	2.47	NR	NR	2.95	2.22	2.37	2.32	2.54	2.58	2.76	2.85	MINIMUM

	LOCATION				LOCATION MAXIMUM DISCHARGE OF RECORD						PERIOD	DATUM OF GAGE			
LATITUOE	LANCITURE	1/4 S	EC. T.	B. R		OF RECOF	RD .	DISCHARGE	GAGE HEIGHT	PEF	RIOD	ZERO	REF.		
LATITUOE	LONGITUDE		0.8.8.		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUR		
37 51 53	121 19 18	NW 9	18	6E		19.5	12-10-1950		JULY 40-SEPT 66 JAN 68-DATE	1940 1952 1952	1952	-3.61 -3.79 -0.58	USCGS USCGS USED		
										1964	1964	-3.34 -3.00	USCGS		

Station located on Bowman Road between Roberts Island and Reclamation District I7. Maximum of record is maximum recorded stage -- record not complete in December 1955. Station was discontinued October 1, 1966, and reactivated January 2, 1968.

WATER YEAR	STATION NUMBER	STATION NAME
1971	895660	STOCKTON SHIP CHANNEL AT BURNS CUTOFF

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	6.23 2.78	6.61 2.10	7.89 3.47	NR NR	6.58 2.76	6.07 2.05	6.38	6.15 1.98	5.77 2.09	6.30 2.98	5.20 2.54	7.68 2.43	
2	6.50 2.72	6.80 2.12	7.73 3.60	NR NR	6.76 2.66	5.75 1.51	6.07 1.92	5.62 1.92	5.82 2.82	6.55 2.70	7.01 2.54	7.20 2.60	2
3	6.87 2.94	6.83 2.28	7.04 3.07	NR NR	6.61 2.33	5.80 1.52	5.88 1.98	5.63 2.21	6.16 2.71	6.73 2.56	7.25 2.57	6.89	3
4	6.79 3.00	6.50 2.40	6.54 3.08	NR NR	6.58	6.36 1.98	5.66 1.98	5.83 2.16	6.39 2.50	6.95 2.47	7.36 2.65	6.82 2.57	4
5	7.02 2.71	6.43 2.17	NR NR	NR NR	6.61 2.21	5.72 1.36	5.92 2.55	5.81 2.49	6.56	7.14 2.50	7.23 2.56	6.85 3.05	5
6	6.84	6.11 2.21	NR NR	6.55 2.21	6.70 2.28	5.61 1.33	5.91 2.52	6.07 2.73	6.68	7.36 2.50	7.17 2.50	6.68 3.05	6
7	6.31 2.45	5.79 2.22	NR NR	6.75 2.24	6.61	5.89 1.74	5.90 2.62	6.37 2.68	6.98	7.52 2.61	7.03 2.53	6.57 2.77	7
8	6.35 1.96	5.79 2.17	NR NR	6.95 2.33	6.55	5.87 1.86	5.84 2.62	6.35 2.33	7.12 2.47	7.41 2.55	6.74	6.97	8
9	5.59 2.09	6.12	7.64 3.22	7.12 4.17	6.11	5.86 2.86	5.85 2.51	6.29 2.12	7.27 2.64	7.31 2.53	6.38	7.16 2.83	9
10	6.54 2.53	6.39	7.39 4.13	7.18 2.47	5.95 1.96	5.80 2.03	6.22 2.54	6.55 2.25	7.36 2.44	7.05 2.23	6.44	7.13 2.79	10
11	6.47 2.61	6.58	7.30	7.19 2.61	5.79	5.60	6.14 2.31	6.92	7.15 2.36	6.70	6.88	6.93	-11
12	6.54 3.03	6.73 3.45	7.38	7.06 2.75	5.60 2.12	6.35	6.22	7.06 2.49	6.96	6.34	7.02 3.02	6.79	12
13	6.66	6.61	7.48 2.84	7.02	5.62 2.24	5.89 2.77	6.52	6.86	6.57	6.21	7.12 2.79	5.76 2.36	13
14	6.83 3.28	6.64	7.18 2.87	6.47	5.84	5.62	6.62	6.74	6.10	6.68	7.17 2.62	6.84 2.53	14
15	6.86	6.79 2.04	6.54 2.68	6.14	6.09	5.61	6.70	6.58	5.55	6.98 3.10	5.70 2.50	6.82 2.60	15
16	6.97 2.76	6.60	7.19 2.91	5.91 2.57	6.04 2.78	5.74 2.18	6.62	5.86 1.66	6.11	5.46 2.91	7.17 2.49	6.89	16
17	6.99	6.24	6.60	5.93	6.45	6.02 2.26	6.71	5.42 1.63	6.49	7.35 2.82	7.09	7.09	17
18	6.76 2.51	6.09	3.08 6.26	6.04	6.07	5.87	5.88	5.46 1.92	7.02	7.20	7.00	6.89	18
19	6.80 2.30	5.54	2.81 NR	6.27	6.55	1.78 5.98	5.79	5.82	7.16	7.35	7.09	3.15 6.47	19
20	6.41 2.34	5.58	NR NR	3.00 6.56	6.35	6.27	6.01	6.30	7.23	7.47	6.81	2.99 6.66	20
21	6.11	1.96 5.79	NR NR	6.70	6.36	6.23	6.07	7.08	7.29	7.50	6.58	6.66	21
22	5.69	2.19 5.91	NR NR	6.94	6.79	6.25	2.33 5.95	6.86	7.40	2.76 7.35	6.42	6.56	22
23	5.73	2.37 5.88	NR NR	2.73 7.13	6.71	6.25	6.16	7.24	7.35	7.17	2.70 6.10	3.17 6.65	23
24	2.10 5.75	6.20	NR NR	7.38	3.50 6.59	6.25	6.59	7.43	7.18	6.92	6.28	6.90	24
25	5.81	6.72	NR NR	7.24	5.99	2.30 5.98	6.64	7.38	7.00	6.72	6.56	6.67	25
26	5.57	7.22	NR NR	2.73 7.07	5.39	6.43	6.97	7.35	6.66	6.32	3.13 6.83	6.63	26
27	2.39 5.38	2.80 6.97	NR NR	2.59 6.96	1.90 5.58	3.06 6.50	6.91	7.14	2.33 6.29	2.70 6.20	3.30 6.83	2.60 6.33	27
28	2.03	3.85 7.67	NR NR	2.56 6.65	1.86	2.75 6.55	2.25 6.93	6.49	2.49 6.01	2.70 6.28	3.25 6.76	6.39	28
29	6.05	2.61 7.92	NR NR	2.58 6.21	2.30	2.55 6.80	2.27 6.64	1.83 6.14	2.29 6.11	2.82 6.39	2.93 6.89	2.23	29
30	2.84 6.41	3.21 8.05	NR NR	2.56 6.02		2.62 7.34	2.09 6.22	1.98	2.31 4.94	3.06 6.55	2.65 6.98	2.19 6.84	30
31	2.14 6.47	3.39	NR NR	2.46 6.25		3.21 6.78	1,82	2.25 6.00	2.76	2.79 6.84	2.50	2.72	31
MAXIMUM	7.02	8.05	NR NR	2.49 NR	6.79	7.34	6.97	7.43	7.40	7.52	7.36	7.68	MAXIMUM
MINIMUM	1.96	1.96	NR	NR	1.82	1.33	1.82	1.63	1.96	2.15	2.46	2.19	MINIMUM

	LOCATION					MAXIMUM DISC		PERIOD	DATUM OF GAGE				
		1/4 :	SEC. T.	A.R.	L	OF RECOF	RD.	DISCHARGE	GAGE HEIGHT	PEF	RIOD	ZERO	REF.
LATITUDE	LONGITUDE		D. 8. 8		CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
37 57 46	121 21 54	SW 6	1N	6E		10.3	12-26-1955		MAY 1940-DATE	1940 1943 1945 1946 1951	1963 1945 1946 1951	-4.22 -4.39 -4.70 -3.00 -3.02 -3.53	USCGS USCGS USCGS USCGS USCGS

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95620	SAN JOAQUIN RIVER AT RINDGE PUMP

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	3.06 -0.25	NR NR	4.74 0.45	3.21	3.44 -0.28	2.91 -1.00	3.24 -1.02	3.01 -1.04	2.62 -0.95	3.14 -0.10	2.04 -0.57	3.80 -0.60	1
2	NR NR	NR NR	4.58 0.57	3.49 -0.31	3.60 -0.41	2.61 -1.52	2.93 -1.11	2.48 -1.11	2.67 -0.22	3.40 -0.38	3.85 -0.55	4.02 -0.44	2
3	NR NR	NR NR	3.93 0.05	2.81	3.45 -0.70	2.66 -1.53	2.73 -1.04	2.46 -0.82	3.00 -0.32	3.57 -0.49	4.08 -0.55	3.70 -0.65	3
4	NR NR	NR NR	3.40 0.04	2.95 -0.86	3.42 -0.83	3.18 -1.05	2.52 -1.04	2.69 -0.87	3.24 -0.53	3.80 -0.59	4.19 -0.53	3.64 -0.53	4
5	NR NR	NR NR	3.26 -0.31	3.30 -0.63	3.49 -0.80	2.58 -1.68	2.76 -0.50	2.65	3.42	3.97 -0.55	4.05 -0.56	3.67 0.01	s
6	NR NR	2.97	3.45 -0.25	3.38	3.55 -0.74	2.46 -1.71	2.77 -0.50	2.90 -0.29	3.53 -0.64	4.20 -0.54	3.99 -0.59	3.50 0.03	6
7	NR NR	2.64	3.79 0.01	3.60 -0.79	3.46	2.75 -1.28	2.75 -0.41	3.21 -0.35	3.83	4.36 -0.42	3.86 -0.56	3.39 -0.26	7
8	NR NR	2.64	4.23 0.57	3.78 -0.70	3.39	2.70	2.69	3.20 -0.66	3.97 -0.59	4.24	3.56 -0.60	3.76 -0.32	8
9	NR NR	2.95	4.44	3.96 1.11	2.95 -0.77	2.71	2.70 -0.51	3.14	4.12 -0.39	4.15 -0.51	3.21 -0.62	3.98 -0.20	9
10	NR NR	3.22	4.23	4.03	2.81 -1.05	2.62	3.06 -0.48	3.42 -0.76	4.21 -0.62	3.87 -0.79	3.26 -0.51	3.96 -0.25	10
11	NR NR	3.42	4.13 -0.15	4.05	2.66	2.44	2.99 -0.71	3.77	3.98	3.53	3.69	3.76	11
12	NR NR	3.55	4.21 -0.26	3.92	2.46	3.19	3.06 -1.08	3.88 -0.54	3.83 -0.57	3.17 -0.87	3.84	3.62 -0.62	12
13	NR NR	3.46 -0.73	4.32 -0.18	3.88	2.46	2.74	3.37	3.71	3.45	3.03	3.94	2.59 -0.67	13
14	NR NR	3.48	4.05	3.36	2.69	2.48	3.47 -0.63	3.59	2.94	3.51	4.00 -0.45	3.66 -0.51	14
15	NR NR	3.61	3.51 -0.34	3.00	2.94	2.46	3.56	3.44 -0.52	2.94	3.81	2.53	3.64 -0.43	15
16	NR NR	3.43	4.06	2.75	2.88	2.59	3.52 -0.47	2.70 -1.36	2.12	2.28 -0.13	4.00	3.71 -0.10	16
17	NR NR	3.09	3.46	2.76	3.31	2.88	3.57	2.26 -1.40	3.36 -0.15	4.18 -0.20	3.91 -0.61	3.91	17
18	NR NR	2.94	3.15 -0.20	2.87	2.92	2.73	2.74	2.29	3.85	4.04	3.83	3.70 0.11	18
19	NR	2.40	3.27 -0.23	3.11	3.34	2.84 -1.21	2.66	2.69	3.99	4.18 -0.54	3.91	3.29	19
20	NR NR	-1.00 2.40	3.38	3.42	3.13 -1.20	3.13	2.82	3.14 -0.24	4.06	4.30	3.64	3.48	20
21	NR NR	-1.07 2.64	3.94	3.55	3.20	3.08	2.91	3.91	4.13 -0.62	4.32	3.40	3.47 0.28	21
22	NR NR	2.76	3.62	3.76	3.65	3.09	2.79	3.70	4.23 -0.46	4.17 -0.36	3.24	3.37 0.13	22
23	NR NR	-0.66 2.71	3.40	3.97	-0.76 3.54	3.08	2.99	4.08	4.18 -0.57	4.00 -0.37	2.94	3.48 -0.12	23
24	NR NR	3.05	3.72	-0.35 4.21	3.42	-0.88 3.07	3.43	4.29	4.01	3.75	3.11	3.74	24
25	NR NR	-0.35 3.56	3.71	4.07	-0.90 2.82	-0.69 2.83	-0.52 3.47	-0.48 4.23	-0.64 3.83	3.55	3.38	-0.15 3.50 -0.13	25
26	NR NR	4.04	4.00	3.89	-0.74 2.23	3.26	-0.79 3.80	-0.40 4.18	-0.53 3.50	-0.37 3.14	3.66	3.47	26
27	NR NR	3.84	4.33	3.79	-1.14 2.36	-0.18 3.34	-0.80 3.74	4.02	-0.76 3.13	3.04	3.66	3.18	27
28	NR NR	0.85 4.53	-0.39 4.36	3.49	-1.15 2.80	3.39	-0.76 3.78	-0.80 3.31	2.85	-0.38 3.11	3.61	3.26	28
29	NR NR	-0.35 4.77	-0.29 4.23	3.08	-0.71	3.66	-0.73 3.49	2.99	-0.85 2.93	3.23	3.73	2.52	29
30	NR NR	0.17 4.88	-0.18 3.90	-0.47 2.86		-0.40 4.16	-0.92 3.08	-1.06 2.75	1.80	3.39	-0.40 3.81	3.68	30
31	NR NR	0.35	-0.35 3.58	-0.56 3.10		0.14 3.57	-1.21	-0.86 2.86	-0.33	-0.31 3.68	-0.55 2.46	-0.41	31
MAXIMUM	NR NR	NR	4.74	-0.54 4.21	3.65	-0.78 4.16	3.80	4.29	4.23	-0.51 4.36	-0.52 4.19	4.02	MAXIMUM
MINIMUM	NR	NR	-0.66	-0.86	-1.20	-1.71	-1.21	-1.40	-1.09	-0.87	-0.62	-0.86	MINIMUM

	LOCATION					AXIMUM DISC		PERIOD	DATUM OF GAGE				
		_ I/4 SEC. T. 8		AR	OF RECORD		0,00,140,00	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE		M. D. 8 8 M		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
37 59 51	121 25 06	NW 27	2N	5E		7.1	12-26-1955		JULY 1939-DATE	1939 1940 1940	1940 1964	-2.2 0.00 3.00 -0.52	USED USCGS USED USCGS
										1964	2,04	0.00	USCGS

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
(IN FEET)

WATER YEAR	STATION NUMBER	STATION NAME
1971	895580	SAN JOAQUIN RIVER AT VENICE ISLAND

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
'	5.92 3.08	6.30 2.19	7.60 3.53	6.08 2.51	6.25 2.79	5.73 2.00	6.11 2.07	5.88 2.05	5.47 2.13	4.52 2.98	4.94 2.50	6.67 2.47	1
2	6.19 2.80	6.50 2.19	7.45 3.60	6.17 2.73	6.42 2.68	5.47 1.56	5.80 1.94	5.33 1.91	5.52 2.77	6.26 2.70	6.72 2.54	6.88	2
3	6.55 3.01	6.57 2.35	6.83 3.15	5.58 2.19	6.30 2.37	5.51 1.56	5.61 2.03	5.32	5.88 2.74	6.44 2.57	6.95 2.55	6.55 2.44	3
4	6.48 3.07	6.26 2.48	6.29 3.18	5.77 2.19	6.27 2.26	6.01 2.03	5.40 2.05	5.55 2.21	6.09 2.53	6.66	7.05 2.57	6.48 2.57	4
5	6.74 2.78	6.19 2.31	6.07 2.72	6.13 2.43	6.32 2.27	5.42 1.38	5.59 2.60	5.48 2.56	6.26 2.47	6.84 2.52	6.91 2.53	6.50 3.11	5
6	6.58 2.80	5.85 2.24	6.28 2.82	6.22 2.25	6.41 2.33	5.32 1.39	5.60 2.60	5.74 2.79	6.39 2.45	7.06 2.56	6.85 2.50	6.34 3.13	6
7	6.07 2.46	5.50 2.30	6.64 3.07	6.45 2.28	6.31 2.25	5.60 1.82	5.59 2.67	6.06 2.76	6.69 2.47	7.22 2.67	6.70 2.53	6.22 2.85	7
8	6.09 2.02	5.49 2.24	7.07 3.65	6.63 2.40	6.24 3.62	5.55 1.86	5.53 2.71	6.04 2.42	6.82 2.50	7.09 2.57	6.41 2.48	6.59 2.78	8
9	5.29 2.15	5.80 2.46	7.26 3.25	6.81 2.53	5.80 2.31	5.54 2.11	5.55 2.57	5.98 2.18	6.98 2.71	7.00 2.55	6.07 2.49	6.81	9
10	6.27 2.58	6.07 2.61	7.04 2.94	6.88 4.28	5.65 2.04	5.45 2.12	5.90 2.59	6.24 2.32	7.07 2.49	6.73 2.30	6.11 2.60	6.81 2.86	10
11	6.19 2.69	6.27 2.63	6.99 4.21	6.92 2.70	5.49 2.09	5.28 2.27	5.83 2.33	6.62 2.53	6.84 2.39	6.38 2.27	6.55 3.08	6.62 2.76	11
12	6.23 3.06	6.36 2.37	7.07 2.84	6.83 2.83	5.30 2.20	6.04	5.91 2.24	6.76 2.53	6.66 2.42	6.02	6.68	6.49	12
13	6.32 3.18	6.30 2.33	7.17 2.92	6.72 3.02	5.29 2.22	5.60 2.81	6.22 2.28	6.55 2.29	6.32 2.34	5.89 2.27	6.80 2.81	5.45 2.42	13
14	6.50 3.36	6.32 2.13	6.89 2.95	6.25 2.91	5.53 2.51	5.35 2.29	6.32 2.43	6.45 2.24	5.79 2.00	6.36 2.60	6.87 2.65	6.53 2.58	14
15	6.52 3.12	6.47 2.15	6.55 2.75	5.86 2.70	5.80 2.95	5.30 2.08	6.44 2.39	6.32 2.47	5.79 2.03	6.67 3.15	5.39 2.55	6.50 2.66	15
16	6.71 2.85	6.29	6.92 2.98	5.59 2.58	5.74 2.76	5.45 2.16	6.38 2.56	5.54 1.68	4.97	5.14 2.96	6.87 2.52	6.57 2.98	16
17	6.68 2.73	5.96 2.15	6.35 3.13	5.58 2.53	6.17 2.92	5.71 2.17	6.42 2.69	5.09 1.65	6.20 2.94	7.04 2.89	6.77 2.49	6.75 3.27	17
18	6.46 2.59	5.82 2.05	6.09 2.89	5.72 2.68	5.80 2.19	5.60 1.82	5.60 1.88	5.15 1.92	6.70 2.88	6.90 2.43	6.67 2.56	6.54 3.20	18
19	6.52 2.38	5.32	6.12 2.79	5.97 2.89	6.18 2.06	5.71 1.86	5.53 2.21	5.52 2.33	6.84 2.64	7.05 2.54	6.75 2.86	6.14 3.06	19
20	6.16 2.42	5.26 2.01	6.24 2.99	6.25 2.85	5.96 1.84	6.00 1.97	5.69 2.60	5.98 2.84	6.92 2.48	7.16 2.75	6.49 2.64	6.32 3.17	20
21	5.87 2.23	5.53 2.24	6.77 3.84	6.41 2.70	6.07 1.94	5.97 2.08	5.76 2.41	6.69 2.84	6.98 2.48	7.19 2.81	6.25 2.62	6.29 3.35	21
22	5.42 2.34	5.64 2.42	6.45 3.24	6.59 2.64	6.49 2.34	5.95 2.17	5.64 2.59	6.52 2.45	7.08 2.59	7.03 2.73	6.09 2.69	6.22 3.22	22
23	5.47 2.13	5.57 2.51	6.24 2.86	6.83 2.73	6.36 2.21	5.94 2.24	5.83 2.54	6.92 2.68	7.03 2.48	6.86 2.71	5.79 2.62	6.33 2.97	23
24	5.42 2.39	5.92 2.75	6.57 2.75	7.07 2.76	6.23 2.52	5.89 2.39	6.26 2.50	7.09 2.62	6.90 2.45	6.60 2.68	5.94 2.85	6.61 2.93	24
25	5.48 2.39	6.43 2.98	6.56 2.56	6.90 4.28	5.63 3.30	5.72 2.60	6.29 2.30	7.07 2.65	6.69 2.51	6.39 2.72	6.24 3.12	6.36 2.96	25
26	5.24 2.39	6.88 2.88	6.84 2.68	6.73 2.64	5.07 1.89	6.10 3.03	6.63 2.31	7.05 2.45	6.36 2.33	6.01 2.71	6.50 3.32	6.36 2.63	26
27	5.07 2.10	6.77 2.98	7.17 4.52	6.63 2.60	5.19 1.94	6.17 2.80	6.61 2.32	6.92 2.35	6.00 2.39	5.91 2.71	6.51 3.26	6.07 2.47	27
28	5.25 2.05	7.36 4.64	7.20 2.78	6.33 2.65	5.64 2.40	6.22 2.62	6.64 2.35	6.17 1.90	5.71 2.22	5.98 2.78	6.49 2.95	6.14 2.26	28
29	5.73 2.25	7.62 3.21	7.07 2.93	5.91 2.61		6.47 2.69	6.34	5.87 2.01	5.78 2.30	6.11 3.04	6.61 2.68	6.54	29
30	6.16 3.28	7.76 3.44	6.75 2.73	5.69 2.47		6.99 3.18	5.94 1.85	5.69 2.28	6.01 2.72	6.28 2.76	6.68 2.52	5.41 2.65	30
31	6.16 2.36		6.41 2.58	5.92 2.45		6.42 2.30		5.66		6.55 2.57	5.32 2.52		31
MAXIMUM	6.74	7.76	7.60	7.07	6.49	6.99	6.64	7.09	7.08	7.22	7.05	6.88	MAXIMUM
MINIMUM	2.02	2.01	2,56	2.19	1.84	1.38	1.85	1.65	2.00	2.23	2.48	2.22	MINIMUM

	LOCATION				MAXIMUM DISCHARGE			PERIOD	OF RECORD	DATUM OF GAGE			
		1/4 S	EC. T.	8 R.		OF RECOR	0	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE		0.8. &		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 03 01	121 29 45	NE 2	2 N	4E		10.7	12-26-1955		OCT 1927-DATE	1927 1959	1964	-3.45 -4.00 -4.01	USCGS USCGS USCGS
										1964		-3.00	USCGS

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95540	MIDDLE RIVER AT MOWRY BRIDGE

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
ŧ	5.77 3.26	6.18 2.85	7.55 4.52	6.41 4.39	6.43 3.95	5.57 3.15	6.13 2.85	5.86 2.72	5.27 2.59	5.89 3.04	6.04 2.78	6.23 2.72	1
2	6.06 3.17	6.31 2.89	7.57 4.55	6.79 4.55	6.50 4.09	5.42 2.77	5.85 2.72	5.31 2.74	5.39 2.93	6.08 2.78	6.13 2.73	6.52 3.03	2
3	6.44 3.37	6.45 2.92	6.82 4.17	6.04 4.24	6.57 4.39	5.22 2.70	5.67 3.95	5.27 2.91	5.71 3.02	6.28 2.19	6.53 2.39	5.98 2.97	3
4	6.37 3.49	6.12 2.99	6.46 4.08	6.02 4.06	6.41 4.02	5.65 2.95	5.42 2.60	5.42 3.23	5.96 2.74	6.53 2.86	6.65 2.68	5.85 3.04	-4
5	6.55 3.21	6.12 2.87	6.11 3.78	6.36 4.29	6.41 3.93	5.46 3.79	5.50 2.71	5.37 2.64	6.12 2.69	6.60 2.74	6.40 2.21	6.26 3.50	5
6	6.45 3.16	5.49 2.92	6.69 3.82	6.50 4.28	6.56 3.92	5.04 2.66	5.42 2.93	5.60 2.93	6.22 2.84	6.89 2.76	6.26 2.67	6.10 3.49	6
7	6.04 2.93	5.76 2.87	6.68 4.14	6.58 4.13	6.21 3.97	5.24 2.64	5.40 2.95	5.96 3.16	6.55 2.98	6.98 2.92	6.06 2.69	5.93 3.19	7
8	5.08 2.68	5.31 2.86	7.22 4.61	6.72 3.96	6.36 3.90	5.35 2.84	5.37 3.10	5.94 3.01	6.62 3.06	6.78 2.84	5.75 2.78	6.05 3.21	8
9	5.94 2.75	5.55 2.92	7.43 4.80	6.79 3.99	6.18 3.85	5.43 2.93	5.39 2.92	5.98 3.00	6.75 3.14	6.70 2.97	5.38 2.80	6.48 3.22	9
10	6.07 2.96	5.86 3.13	7.30 4.46	6.90 4.08	6.03 3.67	5.52 3.01	5.88 3.11	6.32 3.11	6.90 3.07	6.33 2.79	5.42 2.69	6.46 3.12	10
11	5.99 3.06	6.06 3.05	7.02 4.00	6.95 4.15	5.83 3.65	5.03 2.99	5.83 3.03	6.70 3.29	6.72 3.07	6.07 2.61	5.81 2.92	5.26 2.96	11
12	6.10 3.23	6.26 3.09	7.14 3.86	6.81 4.23	5.71 3.69	5.65 2.97	5.89 2.92	6.85 3.24	6.62 3.03	5.76 2.70	4.61 2.96	6.35 2.88	12
13	6.17 3.33	6.12 2.98	7.24 4.03	7.12 4.22	5.63 3.77	5.49 3.43	6.17 2.95	6.57 2.93	6.23 3.00	5.29 2.22	6.04 2.64	6.20 2.80	13
14	6.50 3.45	6.12 3.00	6.98 4.09	6.69 4.22	5.66 3.90	5.34 3.09	6.28 3.13	6.46 2.64	5.75 2.18	5.39 2.65	6.23 2.51	6.30 2.84	14
15	6.58 3.33	6.31 3.02	6.30 4.02	6.37 4.25	NR 3.93	5.07 3.07	6.59 3.12	6.33 3.01	5.20 2.29	5.84 3.00	6.37 2.65	6.39 2.97	15
16	6.43 3.22	6.25 3.09	7.20 4.10	5.83 4.26	NR 3.77	5.24 3.15	6.14 3.10	5.67 2.36	5.57 2.76	6.26 2.57	6.36 2.25	6.38 3.26	16
17	6.46 3.08	5.92 3.03	6.64 4.36	5.81 4.14	NR NR	5.57 3.28	6.62 3.32	5.29 2.22	5.91 3.21	6.53 2.80	6.29 2.19	6.62 3.61	17
18	6.35 3.06	5.80 2.92	6.06 4.13	5.84 3.99	NR NR	5.39 2.86	5.92 2.71	4.97 2.66	6.59 3.22	6.50 2.75	6.07 2.63	6.29 3.60	18
19	6.45 2.94	5.46 2.94	6.26 4.18	6.11 4.01	NR NR	5.64 2.85	5.76 3.08	5.26 2.92	6.71 2.97	6.77 2.78	6.14 2.90	6.02 3.35	19
20	6.34 2.96	5.15 2.84	6.33 4.27	6.42 4.30	NR NR	5.93 2.92	5.85 3.33	5.65 3.28	6.91 3.19	6.78 2.84	5.96 2.64	5.85 3.43	20
21	5.84 2.85	5.25 2.90	7.03 4.81	6.57 4.11	NR NR	6.07 4.29	5.86 3.54	6.36 3.34	6.95 3.24	6.70 3.00	5.66 2.67	5.94 3.52	21
22	5.51 2.84	5.37 2.96	6.79 4.70	6.74 4.10	6.53 3.51	5.91 2.92	5.70 3.13	6.23 2.96	7.06 3.18	6.50 2.98	5.51 2.87	5.97 3.58	22
23	5.56 2.79	5.32 2.99	6.64 4.72	6.97 4.20	6.44 3.77	5.76 2.96	5.77 3.05	6.59 3.15	6.94 3.19	6.16 2.82	5.33 2.80	5.80 3.34	23
24	5.50 2.88	5.65 3.19	6.91 4.60	7.20 4.26	6.33 3.67	5.56 3.07	6.09 3.06	6.80 3.18	6.78 3.11	6.04 2.89	5.48 2.92	6.57 3.33	24
25	5.37 2.88	6.22 3.35	6.90 4.60	7.07 4.41	5.84 3.74	5.34 3.05	6.06 2.90	6.72 3.21	6.53 3.11	5.83 2.91	5.66 3.22	6.15 3.32	25
26	5.26 2.90	6.75 3.59	7.15 4.53	6.94 4.38	5.22 3.34	6.08 3.26	6.43 2.90	6.76 3.00	6.31 2.86	5.47 2.57	6.15 3.38	6.07 3.07	26
27	5.09 2.78	6.45 3.60	7.42 4.64	6.76 4.30	5.26 3.15	6.18 3.70	6.41 2.83	6.60 2.79	5.97 2.87	4.92 2.33	6.20 3.27	6.08 2.96	27
28	5.17 2.75	7.14 3.42	7.65 4.70	6.49 4.24	5.57 3.35	6.22 3.52	6.44 2.76	6.00 2.61	5.62 2.63	5.39 2.60	6.20 3.02	5.38 2.83	28
29) 5.54 2.82	7.46 4.03	7.33 4.78	6.27 4.13		6.21 3.52	6.23 2.77	5.78 2.68	5.58 3.02	5.33 2.95	4.83 2.89	6.10 2.75	29
30	5.97 2.84	7.73 4.29	7.04 4.65	5.87 3.97		6.80 3.85	5.90 2.49	5.64 2.87	5.77 2.93	5.65 2.79	6.52 2.61	6.62 2.83	30
31	5.99 2.93		6.73 4.51	5.81 3.87		6.49 3.22		5.45 2.58		5.78 2.18	6.33 2.65		31
MAXIMUM	6.58	7.73	7.65	7.20	NR	6.80	6.62	6.85	7.06	6.98	6.65	6.62	MAXIMUM
MINIMUM	2.68	2.84	3.78	3.87	NR	2.64	2.49	2.22	2.18	2.18	2.19	2.72	MINIMUM

	LOCATI	ON	MAXIMUM D		PERIOD	DATUM OF GAGE				
		1/4 SEC. T. & R.	OF RE	CORD		GAGE HEIGHT	PEF	RIOD	ZERO	REF. DATUM
LATITUDE	LATITUDE LONGITUDE	M.D.8 & M	CFS GAGE H	T. DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	
37 50 04	121 22 59	NE 24 1S 5E	16.8	12-10-1950		JULY 48-SEPT 66 MAR 68-DATE	1948 1952	1952 1964	-2.70 -2.67 -3.23	USCGS USCGS USCGS
						-	1964	2304	-3.00	USCGS

Station located at Undine Road crossing on Upper Roberts Island. Maximum of record 1s maximum recorded atage -- record not complete in December 1955. Station was discontinued October 1, 1966, and reactivated February 26, 1968.

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95500	MIDDLE RIVER AT BORDEN HIGHWAY

DATE	OCTO8ER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	2.60	3.00	4.25 0.56	2.88	3.06 -0.23	2.37	2.87 -1.12	2.69 -1.10	2.18	2.70 -0.28	3.11 -0.73	3.26 -0.72	ı
2	2.87 -0.37	3.17 -0.89	4.23 0.58	3.20 -0.10	3.13 -0.28	2.16 -1.56	2.60 -1.24	2.10 -1.18	2.23 -0.48	2.97 -0.48	3.19 -0.68	3.50 -0.50	2
3	3.23 -0.15	3.26 -0.75	3.51 0.15	2.46	3.15 -0.58	2.09 -1.58	2.41	2.08 -0.85	2.60	3.16	3.66 -0.67	3.03 -0.65	3
4	3.17 -0.09	2.95 -0.60	3.05 0.13	2.46	3.03 -0.68	2.51 -1.15	2.18 -1.19	2.27	2.82	3.39 -0.74	3.74 -0.65	2.94	4
5	3.43 -0.38	2.93 -0.81	2.76 -0.25	2.82 -0.51	3.05 -0.66	2.24	2.35	2.19	2.97 -0.72	3.55 -0.69	3.55 -0.68	3.18 0.00	5
6	3.31 -0.36	2.62	3.17 -0.21	3.00 -0.67	3.17 -0.59	1.92 -1.76	2.30	2.44	3.11 -0.73	3.77 -0.66	3.45 -0.71	3.03 -0.02	6
7	2.88 -0.63	2.17 -0.79	3.23 0.03	3.13 -0.62	2.90 0.90	2.14	2.27 -0.53	2.78	3.43 -0.68	3.91 -0.56	3.32 -0.67	2.81 -0.28	7
8	2.82 -1.17	2.19 -0.84	3.78 0.60	3.30 0.89	3.00 -0.68	2.17 -1.21	2.25 -0.49	2.76 -0.76	3.51 -0.65	3.78 -0.61	2.99 -0.71	3.00 -0.35	8
9	2.06 -1.00	2.41	4.00 0.29	3.42 -0.51	2.71 -0.73	2.23 -0.23	2.25 -0.65	2.73 -0.94	3.67 -0.49	3.68 -0.65	2.56 -0.73	3.36 -0.23	9
10	2.96 -0.55	2.69	3.91 1.07	3.48 -0.39	2.55 -1.01	2.21	2.66 -0.54	3.02 -0.81	3.76 -0.70	3.37 -0.85	2.64 -0.65	3.52 -0.29	10
-11	2.87 -0.44	2.87 -0.06	3.69 -0.04	3.53 -0.23	2.37	1.94	2.58	3.41 -0.57	3.56 -0.78	3.05 -0.94	3.00 -0.15	3.37 -0.40	- 11
12	2.90 -0.04	3.06 -0.45	3.78 -0.14	3.45 -0.10	2.23	2.54 -0.92	2.68 -0.89	3.56 -0.55	3.40 -0.71	2.69 -0.99	3.19 -0.19	2.13 -0.66	12
13	3.02 0.04	2.95 -0.70	3.87 -0.06	3.64 0.03	2.17 -0.77	2.31	2.96 -0.76	3.33 -0.84	3.02 -0.80	2.49 -0.97	3.40 -0.43	3.22 -0.99	13
14	3.25 0.22	2.96 -0.88	3.61 -0.04	3.17 -0.11	2.27 -0.55	2.05 -0.92	3.11 -0.65	3.24 -0.86	2.54 -1.21	1.91 -0.65	1.62	3.30 -0.52	14
15	3.28 -0.03	*3.16 -0.86	3.06 -0.21	2.84	2.47 -0.18	1.90 -1.03	3.30 -0.69	3.14 -0.70	2.18 -1.18	2.96 -0.10	3.51 -0.68	3.26 -0.49	15
16	3.26 -0.28	3.06 -0.75	3.81 -0.03	2.34	2.53 -0.26	2.04	3.07 -0.64	2.44	2.42 -0.85	3.30 -0.29	3.50 -0.72	3.31 -0.18	16
17	3.29 -0.41	2.73 -0.83	3.23 0.15	2.32	2.89 -0.20	2.38	3.31 -0.41	2.06	2.82 -0.27	3.64 -0.36	3.44 -0.72	3.51 0.11	17
18	3.18 -0.54	2.61	2.72 -0.14	2.39 -0.35	2.72 -0.93	2.20 -1.31	2.56 -1.21	1.89 -1.25	3.34 -0.34	3.55 -0.78	3.21 -0.65	3.30 0.07	18
19	3.26 -0.76	2.21	2.82	2.68 -0.07	3.07 -0.94	2.46 -1.27	2.41 -0.92	2.21	3.51 -0.56	3.72 -0.66	3.33 -0.37	2.91	19
20	3.05 -0.71	1.98 -1.01	2.91	2.98 -0.16	2.90 -1.24	2.77 -1.14	2.49 -0.51	2.59 -0.35	3.61 -0.67	3.81 -0.46	3.16 -0.55	2.86	20
21	2.68 -0.87	2.14	3.52 0.76	3.16 -0.29	2.89 -1.17	2.80 -1.07	2.54	3.30 -0.25	3.68 -0.67	3.83	2.89 -0.58	2.95 0.19	21
22	2.23 -0.82	2.24	3.26 0.24	3.33 -0.23	3.19 -0.75	2.74 -0.97	2.42	3.12 -0.71	3.78 -0.54	3.63 -0.47	2.71 -0.53	2.97 0.05	22
23	2.28 -0.99	2.19 -0.57	3.07 -0.12	3.53 -0.23	3.14 0.38	2.62 -0.86	2.56 -0.55	3.54 -0.50	3.74 -0.66	3.32 -0.51	2.48	2.82 -0.18	23
24	2.27 -0.74	2.52 -0.29	3.35 -0.19	3.77 1.49	2.92 -0.87	2.47 -0.75	2.96 -0.59	3.72 -0.52	3.56 -0.76	3.21 -0.54	2.60 -0.38	3.40 -0.22	24
25	2.24 -0.74	3.07 -0.07	3.36 1.07	3.67 -0.16	2.44	2.29 -0.63	2.99 -0.83	3.74 -0.49	3.40 -0.69	2.94 -0.49	2.79 -0.11	3.07 -0.20	25
26	2.08 -0.67	3.55 1.08	3.60 -0.35	3.51 -0.27	1.84	2.77 0.00	3.34 -0.80	3.68 -0.68	3.09 -0.88	2.67 -0.52	3.20 0.09	2.98 -0.53	26
27	1.85	3.34 -0.13	3.90 -0.22	3.36 -0.30	1.91 -1.19	2.85 -0.30	3.30 -0.76	3.54 -0.88	2.74	2.53 -0.53	3.23 0.02	2.94	27
28	2.01 -0.65	3.95 -0.36	4.13 -0.12	3.10 -0.30	2.31	2.88 -0.53	3.39 -0.84	2.89 -1.26	2.40 -0.98	2.55 -0.47	3.24 -0.29	2.97 -0.91	28
29	2.40	4.25 0.31	3.81	2.83 -0.32		3.03 -0.43	3.10 -1.02	2.62	1.74	2.77 -0.23	3.41 -0.55	2.13 -0.95	29
30	2.80 -0.84	4.39 0.42	3.51 -0.16	2.48 -0.43		3.52 0.02	2.74 -1.28	2.40	2.50 -0.46	2.92 -0.49	3.38	3.33 -0.49	30
31	2.83 -0.75		3.19 -0.31	2.50 -0.45		3.20 -0.80		2.42		3.07 -0.69	1.88 -0.67		31
MAXIMUM MINIMUM	3.43	4.39	4.25	3.77	3.19	3.52	3.39	3.74	3.78	3.91	3.74	3.52	MAXIMUM MINIMUM
	-1.17	-1.01	-0.35	-0.78	-1.24	-1.76	-1.28	-1.44	-1.21	-0.99	-0.73	-0.99	

	LOCATION			MAXIMUM DISCHARGE			PERIOD	DATUM OF GAGE				
LATITUDE LONGITUR		1/4 SE	C. T. & R.,		OF RECOR	10	Digg: Apgs	GAGE HEIGHT	PEF	IIOD	ZERO	REF.
LATITUDE	LONGITUDE		В. 8. М.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
37 53 28	121 29 20	NW 36	1M 4E		7.2	12-26-1965		JULY 1939-DATE	1939 1943 1943	1943	-4.10 0.00 3.15 -0.59	USCGS USCGS USEO USCGS
									1964		0.00	USCGS

TABLE B-12 (CONT.) DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95460	MIDDLE RIVER AT BACON ISLAND

DATE	OCTOBER	NOVEMBER	DECEM8ER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.84 2.79	6.24 2.14	7.51 3.50	6.03 2.47	6.19 2.75	5.67 2.02	6.04	5.83 2.00	5.39 2.06	4.46	4.85 2.45	6.61 2.42	-
2	6.11 2.75	6.43 2.15	7.39 3.59	6.22 2.73	6.35 2.66	5.37 1.52	5.75 1.89	5.26 1.91	5.45 2.71	6.19 2.66	6.65 2.49	6.81 2.59	2
3	6.48 2.97	6.49 2.31	6.75 3.09	5.57 2.19	6.26 2.33	5.45 1.52	5.55 1.97	5.26 2.23	5.81 2.70	6.38 2.51	6.89 2.49	6.47 2.41	3
4	6.41 3.02	6.20 2.42	6.22 3.08	5.70 2.15	6.21	5.94 1.97	5.34 1.98	5.48 2.18	6.03 2.47	6.60 2.43	6.98 2.51	6.40 2.52	-4
5	6.63 2.73	6.12 2.25	5.99 2.70	6.05 2.40	6.26 2.23	5.38 1.36	5.53 2.54	5.41 2.50	6.19 2.41	6.77 2.47	6.85 2.47	6.43 3.06	5
6	6.51 2.75	5.79 2.25	6.20 2.76	6.16 2.22	6.34 2.31	5.26 1.34	5.54 2.50	5.68 2.75	6.31 2.39	6.99 2.50	6.76 2.45	6.28 3.06	6
7	6.00 2.43	5.44 2.25	6.55 3.02	6.38 2.25	6.24	5.53 1.77	5.51 2.63	6.00 2.71	6.62 2.45	7.15 2.61	6.63 2.48	6.15 2.79	7
8	6.03 1.97	5.41 2.20	7.00 3.60	6.56 2.36	6.19 3.67	5.49 1.88	5.48 2.64	5.98 2.37	6.74 2.45	7.02 2.54	6.33 2.42	6.51 2.74	8
9	5.21 2.11	5.72 2.42	7.19 3.21	6.73 2.50	5.76 2.26	5.47 2.05	5.49 2.50	5.92 2.13	6.91 2.64	6.93 2.49	5.99 2.44	6.73 2.86	9
10	6.20 2.54	6.01 2.56	6.98 2.89	6.80 4.21	5.59 1.99	5.39 2.08	5.85 2.53	6.19 2.27	6.99	6.64 2.25	6.03 2.54	6.73 2.81	10
11	6.12 2.64	6.20 2.60	6.91 4.17	6.84 2.66	5.45 2.05	5.20 2.21	5.77 2.29	6.57 2.48	6.76 2.34	6.31	6.47 3.03	6.55 2.70	11
12	6.14 3.05	6.33 3.38	6.98 2.79	6.71 2.79	5.25 2.16	5.98 2.88	5.87 2.19	6.69 2.47	6.59 2.41	5.95 2.17	6.61 2.99	6.43	12
13	6.25 3.12	6.24	7.11 2.87	6.66 2.98	5.23 2.24	5.54 2.76	6.15	6.48	6.22	5.81 2.22	6.73 2.76	5.38 2.36	13
14	6.43 3.31	6.26 2.10	6.82 2.90	6.17 2.86	5.48 2.48	5.27 2.24	6.26	6.39 2.21	5.73 1.94	6.27 2.54	6.80 2.59	6.47 2.54	14
15	6.43 3.06	6.40 2.11	6.45 2.72	5.81 2.65	5.73 2.89	5.24 2.05	6.38	6.27 2.39	5.71 1.98	6.60 3.10	5.30 2.49	6.43 2.61	15
16	6.56 2.80	6.24	6.86	5.53 2.54	5.68 2.80	5.39 2.11	6.32 2.50	5.52 1.62	4.91	5.08 2.91	6.79 2.46	6.49 2.93	16
17	6.58 2.67	5.93 2.11	6.30	5.52 2.48	6.11	5.66 2.20	6.37	5.07 1.63	6.11	6.95 2.84	6.70 2.43	6.68	17
18	6.39 2.53	5.77	6.01 2.84	5.64 2.63	5.74 2.13	5.54 1.78	5.58 1.83	5.08 1.87	6.62 2.82	6.83 2.38	6.60 2.51	6.48 3.15	18
19	6.46	5.24 2.05	6.04 2.75	5.90 2.95	6.11 2.04	5.66 1.82	5.48 2.14	5.46 2.26	6.76 2.58	6.97 2.49	6.68 2.79	6.07 3.01	19
20	6.10 2.37	5.20 1.99	6.14 2.94	6.18 2.81	5.95 1.81	5.97 1.96	5.62 2.54	5.90 2.79	6.84	7.08	6.42 2.60	6.25 3.10	20
21	5.81 2.21	5.44	6.69 3.79	6.34 2.65	6.01 1.89	5.93 2.03	5.68 2.35	6.60 2.82	6.91 2.43	7.11 2.77	6.19 2.57	6.23 3.31	21
22	5.37	5.56 2.38	6.38	6.54 2.69	6.43	5.90 2.11	5.58 2.53	6.43 2.40	7.00 2.57	6.96 2.69	6.02 2.64	6.15 3.16	22
23	5.40 2.11	5.50 2.47	6.18 2.81	6.76 2.69	6.30 2.16	5.89 2.20	5.77 2.49	6.83 2.62	6.95 2.47	6.77 2.66	5.72 2.57	6.25 2.93	23
24	5.36 2.35	5.84 2.71	6.50 2.71	6.97 2.73	6.15 2.96	5.84 2.34	6.21 2.44	7.00 2.57	6.78 2.39	6.53 2.61	5.86 2.80	6.52 2.87	24
25	5.41 2.33	6.35 2.93	6.49 2.52	6.85 4.23	5.57 2.46	5.66 2.52	6.23 2.25	6.99 2.60	6.60 2.44	6.33 2.66	6.16 3.07	6.29 2.90	25
26	5.19 2.39	6.81 2.84	6.78 2.64	6.67 2.60	5.01 1.88	6.03 2.97	6.57 2.28	6.97 2.39	6.30 2.29	5.95 2.67	6.44 3.27	6.29 2.58	26
27	5.00 2.05	6.68 2.86	7.10 4.49	6.57 2.56	5.11 1.87	6.09 2.75	6.52 2.29	6.80 2.29	5.93 2.32	5.83 2.66	6.44 3.20	6.01 2.42	27
28	5.19 2.03	7.28 4.61	7.13 2.74	6.28 2.62	5.55 2.33	6.14 2.58	6.57 2.28	6.11	5.63 2.18	5.91 2.73	6.42 2.88	6.08 2.20	28
29	5.65 2.20	7.55 3.22	7.00 2.87	5.86 2.58		6.41 2.64	6.29	5.81 1.96	5.71 2.26	6.03	6.54 2.61	5.30 2.16	29
30	6.11 3.24	7.67 3.38	6.67 2.68	5.63 2.47		6.91 3.09	5.89 1.81	5.61 2.19	5.94 2.68	6.20 2.70	6.63 2.46	6.48 2.59	30
31	6.09 2.32		6.34 2.54	5.85 2.49		6.36 2.26		4.79 1.91		6.49 2.51	5.23 2.46		31
MAXIMUM	6.63	7.67	7.51	6.97	6.43	6.91	6.57	7.00	7.00	7.15	6.98	6.81	MAXIMUM
MINIMUM	1.97	1.99	2.52	2.15	1.81	1.34	1.81	1.62	1.94	2.17	2.42	2.16	MINIMUM

	LOCATI	ON	MAXIMUM DISCHARGE			PERIOD	OF RECORD	DATUM OF GAGE			
	TUDE LONGITUDE 1/4 SEC. T. & R.,		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LUNGITUDE	M.D.8 8 M			DATE	DISCHARGE	ONLY	FROM TO		ON GAGE	DATUM
38 00 07	121 31 22	SW 22 2N 4E	10	0.2	12-26-1955		OCT 48-SEPT 66 MAR 68-DATE	1948	1964	-2.94 -3.65	USCG
							ISIR OU-DAIL	1964	1304	-3.00	USCO

Station located at mortheast corner of Bacon Island at junction of Middle River and Connection Slough. Station was discontinued October 1, 1966, and reactivated February 26, 1968.

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	В95380	OLD RIVER AT TRACY ROAD BRIDGE

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.57 2.65	6.05 2.07	7.33 3.88	6.10 3.20	5.92 2.93	5.17 2.17	5.94 1.91	5.74 1.83	4.97	5.72 2.56	5.72 2.09	5.87 2.18	1
2	5.88 2.62	6.16	7.37 3.91	6.47 3.54	6.04 2.94	4.94	5.66 1.75	5.23 1.83	5.20 2.41	5.87 2.38	5.93 2.14	6.23 2.46	2
3	6.24 2.86	6.26	6.62 3.50	5.66 3.04	6.12 2.69	4.81	5.43 1.76	5.08 2.15	5.53 2.43	6.06 2.17	6.19 2.20	5.99 2.36	3
4	6.13 2.90	5.99 2.41	6.25 3.41	5.64 2.74	6.04 3.70	5.11 1.90	5.21 1.76	5.24 2.04	5.78 2.23	6.34	6.37	5.43	4
5	6.31 2.61	5.92 2.19	5.81 3.06	5.98 3.04	6.14	4.99 NR	5.27 3.08	5.26 2.29	5.97 2.20	6.39	6.05	6.13 2.97	5
6	6.25 2.59	5.30 2.21	6.59 3.08	6.11 3.56	6.26 2.84	4.57 NR	5.24 2.28	5.37 2.49	6.10 2.19	6.73 2.22	5.90 2.17	6.01 2.91	6
7	5.81 2.29	5.61 2.21	6.33 3.32	6.29 2.90	5.72 2.91	4.77 NR	5.16 2.27	5.78 2.50	6.39	6.83 2.35	5.78 2.21	5.83	7
8	4.94 1.76	5.17 2.16	6.93 3.87	6.56 2.89	6.12 2.83	4.90 1.77	5.15 2.43	5.74 2.21	6.47 2.30	6.61 2.27	5.38 2.19	6.06	8
9	5.74 1.91	5.36 2.31	7.18 4.00	6.64	5.95 2.65	4.92 1.88	5.19 2.26	5.85 2.12	6.58 2.46	6.57 2.31	5.01 2.10	6.40	9
10	5.92 2.35	5.68 2.64	7.03 3.66	6.58 3.10	5.81 2.41	5.25 2.03	5.72 2.45	6.15 2.26	6.70 2.28	6.15 2.04	5.01 2.16	6.14	10
11	5.82 2.46	5.87 2.46	6.78 3.28	6.97 3.21	5.60 2.36	4.47	5.67 2.25	6.53 2.48	6.52 2.22	5.92 2.01	5.45 2.61	6.02 2.55	11
12	5.90 2.85	6.05 2.51	6.88 3.17	6.47 3.34	5.40 2.44	5.23	5.73 2.12	6.69 2.48	6.43 2.29	5.58 1.88	4.42	5.97 2.32	12
13	6.02 2.92	5.96 2.28	6.90 3.29	7.02 3.43	5.41 2.56	4.97 2.67	5.99 2.25	6.45	6.10 2.20	5.15 1.88	5.64 2.43	5.94 2.27	13
14	6.37 3.06	5.94 2.31	6.72 3.32	6.57 3.35	5.22 2.74	5.00	6.09 2.43	6.34 2.18	5.61 1.75	5.22 2.17	5.84 2.24	6.15 2.46	14
15	6.46 2.86	6.12 2.34	6.13 3.19	6.04 3.23	5.53 2.99	4.58 2.05	6.43 2.39	6.18 2.25	5.02 1.78	5.56 2.70	6.01	6.28 2.48	15
16	6.23 2.65	6.10 2.47	6.85 3.31	5.47 3.14	5.53 2.89	4.81 2.11	5.86 2.44	5.56 NR	5.34 2.06	6.09 2.52	6.01 2.16	6.22 2.73	16
17	6.27 2.53	5.78 2.41	6.36 3.53	5.42 3.00	5.90 2.98	5.09 2.33	6.48 2.68	5.17 1.74	5.69 2.62	6.17 2.45	5.92 2.15	6.46 3.05	17
18	6.18 2.41	5.65 2.24	5.92 3.25	5.39 3.00	5.71 2.33	4.85 1.75	5.79 1.96	4.91 1.76	6.34 2.57	6.14	5.72 2.21	5.97 3.02	18
19	6.26 2.21	5.39	5.85 3.24	5.70 3.16	6.03 2.39	5.30 1.73	5.63 2.27	5.06 2.12	6.52 2.39	6.58 2.18	5.80 2.48	5.89 2.83	19
20	6.21 2.29	4.97 2.14	5.94 3.31	5.95 3.05	5.80 3.93	5.64 1.91	5.69 2.62	5.37 2.59	6.71 2.33	6.57 2.41	5.65 2.29	5.68 2.93	20
21	5.66 2.11	5.05 2.30	6.72 4.04	6.09 3.89	5.77 2.03	5.73 1.93	5.68 2.97	6.09 2.69	6.79 2.31	6.44	5.32 2.25	5.64 3.06	21
22	5.39 2.12	5.14 2.45	6.47 3.78	6.25 2.98	5.98 2.14	5.48 3.36	5.49 2.45	6.02 2.26	6.85 2.44	6.13 2.38	5.14 2.35	5.96 2.98	22
23	5.44 1.95	5.09 2.50	6.28 3.66	6.45 3.08	5.97 2.52	5.32	5.58 2.47	6.37 2.48	6.75 2.31	5.88 2.34	5.09 2.25	5.45 2.77	23
24	5.27 2.20	5.44 2.85	6.55 3.34	6.70 3.12	5.89 2.42	5.20 2.12	5.89 2.45	6.58 2.45	6.58 2.19	5.71 2.30	5.14 2.47	6.45 2.78	24
25	5.18 2.18	6.04 2.84	6.55 3.36	6.53 3.21	5.58 2.61	4.94	5.86 2.23	6.42 2.48	6.30 2.26	5.47 2.37	5.49 2.73	5.90 2.76	25
26	5.05 2.33	6.56 3.09	6.81 3.27	6.48 3.15	4.93 2.19	5.61 2.28	6.28 2.21	6.56 2.29	6.12	5.19 2.32	5.91 2.95	5.81 2.42	26
27	4.88	6.24 3.07	7.05 3.40	6.27 3.10	4.92 1.98	5.68 2.74	6.23 2.19	6.45 2.07	5.79 2.09	4.81	5.93 2.86	5.82 2.25	27
28	4.99	6.96 2.81	7.24 3.48	5.96 3.10	5.01 2.33	5.80 2.50	6.21 2.14	5.84 1.74	5.32 1.97	5.35	5.88 2.59	5.83 2.04	28
29	5.38 2.08	7.21 3.60	6.97 3.59	5.85 3.01		5.62 2.57	6.05 1.95	5.63 1.85	5.33	5.29 2.60	5.80 2.34	5.82 1.97	29
30	5.79 2.11	7.50 3.69	6.72 3.45	5.36 2.88		6.34 2.95	5.78 1.74	5.44 2.04	5.47 2.36	5.42 2.32	6.26 2.16	6.47 2.40	30
31	5.83 2.23		6.34 3.31	5.10 2.79		6.06 2.19		5.07 1.76		5.57 2.13	6.03		31
MAXIMUM	6.46	7.50	7.37	7.02	6.26	6.34	6.48	6.69	6.85	6.83	6.37	6.47	MAXIMUM
MINIMUM	1.76	2.07	3.06	2.74	1.98	NR.	1.74	NR	1.75	1.88	2.09	1.97	MINIMUM

	LOCATI	ON		MAXIMUM DISC		PERIOD					
		1/4 SEC. T. & R.		OF RECOR	₹D	0.00.14005	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.8. 8 M.	CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	GAGE	DATUM
37 48 30	121 26 06	SW 32 1S 5E	:	13.2	12-29-1955		JUN 51-DEC 54 8 FEB 55-DATE	1958	1964	-4.44 -4.47	USCGS
								1964		-3.00	USCGS
Station los	cated 30 feet	above Tracy Road br	idge, 3.5 mile	a northwest	of Tracy.						
ő - Irriga	tion season on	ly.									

TABLE 8-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
(IN FEET)

WATER YEAR	STATION NUMBER	STATION NAME
1971	в95420	TOM PAINE SLOUGH ABOVE MOUTH

DATE	OCTOBER	NOVEMBER	DECEM8ER	JANUARY	FE8RUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.56 2.82	6.04 2.13	7.34 4.04	6.12 3.51	6.11 3.32	5.29 2.50	5.94 2.18	5.72 2.06	4.94 2.05	5.71 2.75	5.71 2.26	5.90 2.36	1
2	5.85 2.77	6.17 2.15	7.38 4.05	6.56 3.82	6.23 3.39	5.05 1.92	· 5.67 2.01	5.22 2.02	5.16 2.56	5.83 2.58	5.91 2.31	6.25 2.64	2
3	6.27 2.99	6.30 2.29	6.62 3.68	5.69 3.36	6.36 3.22	4.89 1.86	5.42 2.02	5.09 2.32	5.47 2.63	6.00 2.37	6.18 2.42	5.98 2.53	3
4	6.17 3.06	6.00 2.46	6.27 3.58	5.65 3.09	6.12 4.11	5.23 2.23	5.19 2.01	5.2i 2.24	5.74 2.43	6.33 2.37	6.32 2.42	5.45 2.58	4
5	6.35 2.78	5.95 2.24	5.83 3.23	6.02 3.37	6.16 3.13	5.12 1.76	5.27 2.49	5.26 2.47	5.95 2.39	6.36 2.42	6.06 2.37	6.14 3.10	5
6	6.26 2.75	5.34 2.26	6.60 3.27	6.14 3.81	6.29 3.15	4.67 3.08	5.21 3.20	5.34 2.67	6.08 2.39	6.74 2.43	5.94 2.35	6.02 3.07	6
7	5.85 2.38	5.62 2.25	6.36 3.53	6.30 3.23	5.75 3.20	4.87 1.67	5.15 2.47	5.74 2.70	6.37 2.49	6.82 2.53	5.77 2.40	5.83 2.84	7
8	4.97 1.82	5.18 2.21	6.97 4.05	6.52 3.18	6.14 3.11	5.00 2.06	5.13 2.62	5.69 2.41	6.45 2.51	6.58 2.49	5.41 2.37	6.03 2.79	8
9	5.74 1.98	5.37 2.37	7.21 4.20	6.65 3.27	5.95 2.99	5.04 2.21	5.19 2.45	5.82 2.32	6.57 2.66	6.56 2.47	5.03 2.28	6.41 2.93	9
10	5.92 2.45	5.69 2.78	7.06 3.85	6.62 3.36	5.82 2.75	5.34 2.34	5.69 2.64	6.13 2.50	6.66 2.50	6.12 2.24	5.04 2.35	6.14 2.86	10
11	5.82 2.56	5.86 2.55	6.80 3.45	6.95 3.46	5.61 2.73	4.60 2.29	5.64 2.46	6.49 2.73	6.48 2.48	5.86 2.20	5.46 2.76	5.19 2.73	11
12	5.88 2.95	6.08 2.59	6.90 3.34	6.48 3.58	5.42 2.79	5.31 2.32	5.67 2.34	6.68 2.68	6.41 2.57	5.54 2.11	4.44 2.82	6.01 2.49	12
13	6.01 3.01	5.94 2.37	6.91 3.47	7.03 3.62	5.44 2.89	5.12 2.92	5.93 2.46	6.41 2.43	6.10 2.44	5.11 2.08	5.65 2.61	5.95 2.44	13
14	6.38 3.15	5.95 2.47	6.73 3.50	6.59 3.58	5.23 3.06	5.12 2.40	6.01 2.60	6.35 2.39	5.62 2.01	5.15 2.34	5.85 2.42	6.16 2.63	14
15	6.45 2.96	6.14 2.50	6.17 3.39	6.08 3.51	5.53 3.25	4.70 2.37	6.41 2.61	6.16 2.49	5.04 2.05	5.50 2.85	6.02 2.39	6.29 2.64	15
16	6.25 2.77	6.09 2.62	6.89 3.51	5.48 3.44	5.54 3.14	4.90 2.44	5.85 2.62	5.56 1.82	5.32 2.33	6.04 2.69	5.99 2.37	6.19 2.89	16
17	6.29 2.65	5.79 2.56	6.40 3.76	5.45 3.31	5.95 3.28	5.17 2.66	6.48 2.85	5.19 1.87	5.66 2.85	6.18 2.62	5.92 2.34	6.45 3.19	17
18	6.19 2.52	5.67 2.38	5.96 3.47	5.48 3.26	5.82 2.68	4.96 2.09	5.78 2.19	4.88 2.00	6.30 2.80	6.13 2.27	5.73 2.41	6.02 3.17	18
19	6.28 2.28	5.39 2.42	5.88 3.47	5.79 3.40	6.13 2.76	5.39 2.10	5.64 2.47	5.01 2.34	6.47 2.63	6.58 2.38	5.81 2.66	5.90 2.98	19
20	6.22 2.35	5.05 2.28	5.97 3.55	6.13 3.41	5.89 4.12	5.71 2.24	5.70 2.81	5.33 2.78	6.68 2.61	6.53 2.56	5.62 2.50	5.69 3.06	20
21	5.67 2.17	5.08 2.42	6.74 4.21	6.27 4.15	5.85 2.47	5.80 2.26	5.62 2.65	6.04 2.87	6.79 2.59	6.41 2.63	5.35 2.43	5.66 3.19	21
22	5.40 2.17	5.15 2.56	6.49 4.00	6.44 3.37	6.09 2.54	5.63 3.59	5.43 2.72	5.99 2.44	6.82 2.66	6.15 2.53	5.16 2.53	5.92 3.13	22
23	5.45 2.03	5.09 2.61	6.31 3.92	6.65 3.45	6.08 2.89	5.44 2.36	5.50 2.63	6.32 2.67	6.71 2.57	5.85 2.51	5.07 2.43	5.49 2.92	23
24	5.30 2.25	5.44 2.94	6.58 3.66	6.91 3.51	5.99 2.79	5.30 2.45	5.79 2.64	6.53 2.62	6.54 2.45	5.73 2.48	5.09 2.61	6.46 2.92	24
25	5.20 2.24	6.05 2.96	6.58 3.67	6.75 3.63	5.68 2.98	5.06 2.54	5.78 2.43	6.37 2.69	6.27 2.50	5.50 2.53	5.43 2.90	5.91 2.92	25
26	5.07 2.41	6.57 3.21	6.83 3.58	6.69 3.58	5.02 2.53	5.75 2.61	6.25 2.43	6.52 2.50	6.12 2.32	5.20 2.49	5.87 3.08	5.83 2.58	26
27	4.94 2.16	6.26 3.21	7.08 3.72	6.47 3.53	5.01 2.34	5.83 3.09	6.16 2.42	6.41 2.27	5.78 2.35	4.83 2.45	5.89 3.00	5.82 2.45	27
28	5.00 2.22	6.97 2.94	7.28 3.80	6.18 3.50	5.14 2.63	5.97 2.88	6,18 2,38	5.79 1.93	5.33 2.24	5.26 2.45	5.83 2.77	5.82 2.24	28
29	5.37 2.20	7.23 3.70	7.01 3.88	6.04 3.42		5.80 2.92	6.02 2.18	5.62 2.06	5.29 2.39	5.26 2.77	4.71 2.52	5.86 2.09	29
30	5.79 2.17	7.50 3.83	6.74 3.78	5.54 3.28		6.46 3.31	5.75 1.90	5.45 2.24	5.46 2.54	5.37 2.47	6.27 2.34	6.46 2.47	30
31	5.82 2.28		6.39 3.63	5.34 3.19		6.23 2.58		5.04 1.95		5.52 2.30	5.99 2.39		31
MAXIMUM	6.45	7.50	7.38	7.03	6,36	6.46	6.48	6.68 1.82	6.82	6.82	6.32	6.48	MAXIMUM
MINIMUM	1.82	2.13	3.23	3.09	2.34	1.67	1.90	1.04	2.01	2.00	2.26	2.09	MINIMUM

	LOCATION	ON	N	AXIMUM DISC		PERIOD	OF RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE 1/4 SEC. T. 8 R., M.D.B. 8 M.		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.
		M.D.B. & M.	CFS	GAGE HT.	DATE		ONLY	FROM	то	GAGE	DATUM
37 47 27	121 25 03	NE 4 2S 5E		14.6	12-29-1955		JUNE 51-OCT 53 0 APR 54-SEP 66 MAR 68-DATE	1955 1964	1964	-4.22 -4.43 -3.00	USCGS USCGS USCGS

Station located 0.1 mile east of mouth of Sugar Cut, 2.2 miles above mouth, 2.6 miles north of Tracy. Station was discontinued September 30, 1966, and reactivated February 26, 1968.

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95340	OLD RIVER AT CLIFTON COURT FERRY

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1													1
2													2
3	İ												3
4													4
5													ł
6													5
													6
7													7
8	1												θ
9													9
10													10
11													11
12													12
13													13
14													14
15						NO RE	CORD						15
16		•											16
17													17
18													
19													18
													19
20													20
21													21
22												ĺ	22
23													23
24													24
25													25
26													26
27													27
28													28
29				,									29
30													30
31													31
MAXIMUM													
MINIMUM												_ F	MINIMUM

	LOCATION			AXIMUM DISC		PERIOD	DATUM OF GAGE				
LATITUDE	LATITUDE LONGITUDE	1/4 SEC. T. B.R.,		OF RECOR	RU	0100114005	GAGE HEIGHT	PERIOD		ZERO	REF.
CATTIONE	LUNGITUDE	M.D.B. & M.	CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	то	ON GAGE	DATUM
37 49 28	121 33 05	SE 20 1S 4E		9.7	12-26-1955		DEC 1948-DATE	1948 1952	1952 1964	-2.25 -2.12 -2.56	USCGS USCGS USCGS
								1964	.,,,,	-3.00	USOGS

Station located approximately 2,000 feet below junction with Grant Line Canal. Maximum gage height listed does not indicate maximum discharge.

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95278	ITALIAN SLOUGH NEAR MOUTH

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	2.60 -0.29	3.05 -0.84	3.29 -0.29	1.98 -1.21	3.07 -0.10	2.25 -0.92	2.93 -1.09	2.76 -1.09	2.13 -1.08	2.77 -0.27	3.07 -0.73	NR NR	ı
2	2.91 -0.32	3.19 -0.82	3.32 -0.29	2.22	3.12 -0.12	2.14 -1.18	2.64 -1.15	2.19 -1.07	2.26 -0.52	3.02 -0.45	3.12 -0.68	3.42 -0.48	2
3	3.28 -0.09	3.30 -0.68	2.63 -0.70	1.52 -1.45	3.26 -0.42	2.02 -1.18	2.46 -1.14	2.12 -0.88	2.63 -0.52	3.22 -0.69	3.57 -0.71	2.96 -0.61	3
4	3.20 -0.04	3.03 -0.52	2.14	1.49 -1.64	3.06 -0.52	2.38 -1.15	2.23 -1.14	2.32	2.85 -0.66	3.43 -0.74	3.73 -0.64	2.82 -0.50	4
5	3.41 -0.33	2.97 -0.71	1.77 -1.12	2.69 -1.12	3.06 -0.50	2.18 -1.17	2.39	2.25 -0.65	3.02 -0.70	3.63 -0.69	3.51 -0.67	3.25 0.04	5
6	3.33 -0.36	2.62 -0.72	2.30 -1.08	3.05 -0.50	3.20 1.07	1.88 -1.18	2.33	2.48	3.17 -0.71	3.83 -0.65	3.41 -0.70	3.08 -0.08	6
7	2.91 -0.62	2.16 -0.71	2.25 -0.85	3.18 -0.46	2.84	2.03 -1.18	2.29 -0.54	2.84 -0.42	3.42 -0.74	3.96 -0.62	3.30 -0.68	2.95 -0.23	7
8	2.83 -1.06	2.14 -0.76	2.82 -0.28	3.34 0.99	3.03 -0.50	2.09 -0.07	2.30	2.83 -0.74	3.54 -0.75	3.82 -0.68	2.90 -0.70	3.05 -0.31	8
9	2.14	2.42 -0.57	3.05 0.22	3.42 -0.34	2.82	2.06 -1.17	2.31 -0.65	2.80 -0.92	3.66 -0.62	3.74 -0.75	2.42 -0.75	3.52 -0.18	9
10	2.97 -0.51	2.71 -0.41	2.91 -0.57	3.52 -0.21	2.68 -0.89	2.26 -1.05	2.71 -0.52	3.11 -0.78	3.83 -0.72	3.42 -0.89	2.57 -0.67	3.44 -0.25	10
11	2.87 -0.39	2.91 0.01	2.75 -0.89	3.58 -0.07	2.49	1.75 -1.00	2.64 -0.79	3.48 -0.59	3.61 -0.79	3.11 -0.94	2.86 -0.19	3.33 -0.35	11
12	2.93 -0.01	3.10 -0.38	2.81	3.42 0.04	2.30 -0.80	2.49 -0.91	2.75 -0.88	3.62 -0.59	3.43 -0.77	2.76 -0.99	3.05 -0.19	3.17 -0.62	12
13	3.01 0.08	1.97 -0.64	2.89 -0.90	3.79 0.18	2.21 -0.68	2.26 -0.30	3.02 -0.73	3.41 -0.82	3.08 -0.82	2.53 -0.96	3.32 -0.41	3.12 -0.68	13
14	3.33 0.19	1.97 -1.77	2.66 -0.90	3.32 0.10	2.22	2.11	3.17 -0.68	3.32 -0.91	2.60 -1.18	1.96 -0.65	1.52 -0.59	3.29 -0.49	14
15	3.37 0.01	2.17 -1.75	2.22	2.91 -0.08	2.47	1.79 -0.99	3.36 -0.71	3.22 -0.81	2.20 -1.15	3.00 -0.10	3.44 -0.69	3.33 -0.44	15
16	3.28 -0.23	2.10 -1.62	2.80 -0.91	2.40 -0.21	2.46 -0.21	1.97 -0.95	3.03 -0.64	2.53 -1.16	2.48 -0.87	3.35 -0.29	3.36 -0.71	3.40 -0.16	16
17	3.30 -0.35	1.77 -1.70	2.28 -0.71	2.35 -0.30	2.88 -0.17	2.25 -0.72	3.37 -0.43	2.09 -1.17	2.89 -0.27	3.61 -0.35	3.34 -0.73	3.59 0.11	17
18	3.21 -0.52	1.62 -1.84	1.83	2.40 -0.22	2.72	2.14 -1.17	2.65 -1.14	1.92 -1.15	3.40 -0.34	3.56 -0.78	3.11 -0.65	3.26 0.09	18
19	3.28 -0.72	1.25 -1.79	1.83 -1.02	2.70 0.04	3.04 -0.86	2.45 -1.17	2.44	2.24	3.58 -0.54	3.79 -0.64	3.18 -0.37	2.99 -0.06	19
20	3.13 -0.63	1.02 -1.89	1.95 -0.91	3.01 -0.05	2.89 -1.16	2.77 -1.10	2.52 -0.47	2.55 -0.42	3.69 -0.65	3.87	2.95 -0.62	2.81 0.01	20
21	2.68 -0.80	1.09 -1.70	2.58 -0.11	3.19 -0.18	2.91 -1.11	2.88 -1.05	2.61 -0.65	3.28 -0.24	3.77 -0.66	3.84 -0.37	2.60 -0.74	2.86 0.21	21
22	2.32 -0.76	1.21 -1.55	2.33 -0.61	3.37 -0.10	3.16 0.63	2.71 -0.96	2.46 ~0.55	3.17 -0.70	3.84 -0.60	3.60 -0.48	2.33 -0.73	2.92 0.09	22
23	2.37 -0.92	1.14 -1.47	2.13 -0.99	3.56 1.49	3.12 -0.71	2.53 -0.87	2.64 -0.57	3.58 -0.47	3.79 -0.73	3.23 -0.50	2.09 -0.87	2.71 -0.14	23
24	2.33 -0.69	1.49 -1.17	2.41 -1.02	3.81 -0.07	2.96 -0.81	2.40 -0.72	3.01 -0.62	3.79 -0.51	3.60 -0.81	3.11 -0.59	2.06	3.43 -0.25	24
25	2.20 -0.71	2.08	2.43 0.01	3.75 0.00	2.51 -0.62	2.20 -0.31	3.03 -0.79	3.72 -0.63	3.43 -0.74	2.86 -0.49	2.06 -0.52	3.01 -0.17	25
26	2.11 -0.62	2.58 0.11	2.67 -1.16	3.58 -0.09	1.90 -1.04	2.79 -0.63	3.38 -0.79	3.73 -0.72	3.13 -0.90	2.61 -0.50	NR NR	2.94 -0.50	26
27	1.90 -0.73	2.39 -1.00	2.95 -1.03	3.44 -0.14	1.91 -1.15	2.89 -0.26	3.37 -0.78	3.58 -0.82	2.81 -0.92	2.46 -0.56	NR NR	2.92 -0.69	27
28	1.99 -0.90	2.98 -1.10	3.16 -0.94	3.13 -0.11	2.17 -0.76	2.93 -0.50	3.39 -0.94	2.95 -1.17	2.42	2.37 -0.53	NR. NR	2.94 -0.92	28
29	2.41 -0.94	3.29 -0.56	2.87 -0.82	2.91 -0.15		2.93	3.13 -1.05	2.68 -1.11	1.82 -0.88	2.71 -0.22	NR NR	2.15 -0.94	29
30	2.83 -0.78	3.43 -0.44	2.57 -0.96	2.49 -0.27		3.52 -0.04	2.82 -1.15	2.40 -1.05	2.53 -0.53	2.80 -0.49	NR. NR.	3.39 -0.46	30
31	2.87 -0.69		2.23 -1.12	2.43 -0.29		3.24 -0.77		2.31 -1.17		2.99	NR NR		31
MAXIMUM	3.41	3.43	3.32	3.81	3.26	3.52	3.39	3.79	3.84	3.96	NR.	3.59	MAXIMUM
MINIMUM	-1.06	-1.89	-1.16	-1.64	-1.16	-1.18	~1.15	-1.17	-1.18	-0.99	NR	-1.58	MOMISING

	LOCAT	ON			N.	AXIMUM DISC		PERIOD	OF RECORO	DATUM OF GAGE			
		1/4 9	1/4 SEC. T. 8 R.,		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITUDE	LONGITUDE	M.D.8. 8 M		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM	
37 51 38	121 34 48	NW 7	18	4E		6.34	2-15-1969		MAY 1968-DATE	1968		0.00	USCGS

WATER YEAR	STATION NUMBER	STATIO	N NA	ME					
1971	B95300	GRANT	LINE	CANAL	AT	TRACY	ROAD	BR1DGE	

DATE	OCTDBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.52 2.82	5.98 2.19	7.33 4.00	6.02 3.37	6.07 3.23	5.20 2.41	5.89 2.13	5.68 2.03	4.86 2.02	5.63 2.74	5.69 2.27	5.84 2.35	1
2	5.81 2.77	6.10 2.20	7.34 4.02	6.40 3.65	6.28 3.30	5.04 1.83	5.62 1.96	5.17 1.99	5.07 2.53	5.73 2.57	6.04	6.16 2.63	2
3	6.19 2.98	6.21 2.35	6.60 3.62	5.58 3.18	6.34 3.09	4.87 1.77	5.39 1.98	5.03 2.30	5.44 2.59	5.95 2.36	6.27	5.87 2.50	3
4	6.10 3.04	5.94 2.51	6.23 3.54	5.57 2.92	6.06 3.00	5.21 2.15	5.17 1.98	5.13 2.19	5.69 2.41	6.29 2.34	6.30 2.41	5.49 2.59	4
5	6.28 2.76	5.91 2.29	5.80 3.18	5.94 3.21	6.10 4.21	5.10 1.66	5.22 2.49	5.19 2.45	5.91 2.39	6.28 2.41	6.03 2.38	6.06 3.11	5
6	6.22 2.75	5.37 2.30	6.52 3.21	6.10 3.70	6.25 3.02	4.66 1.60	5.15 2.45	5.30 2.66	6.05 2.39	6.68 2.42	5.89 2.36	5.93 3.04	6
7	5.81 2.38	5.58 2.31	6.30 3.44	6.23 3.07	5.69 3.08	4.85 3.02	5.09 2.98	5.71 2.67	6.33 2.47	6.75 2.53	5.74 2.40	5.74 2.84	7
8	4.89 1.85	5.10 2.25	6.89 3.98	6.59 3.05	6.05 3.00	NR NR	5.07 2.59	5.66 2.38	6.41 2.46	6.50 2.45	5.38 2.38	5.94 2.80	8
9	5.72 2.04	5.29 2.42	7.26 4.42	6.58 3.14	5.83 2.85	NR NR	5.12 2.44	5.77 2.29	6.53 2.60	6.49 2.45	4.99 2.29	6.32	9
10	5.87 2.50	5.61 2.83	7.03 3.78	6.56 3.26	5.77 2.60	NR NR	5.64 2.60	6.08 2.45	6.64 2.46	6.04 2.22	5.02 2.37	6.07 2.85	10
- 11	5.76 2.60	5.80 2.60	6.75 3.40	6.87 3.37	5.46 2.58	NR NR	5.58 2.41	6.45 2.63	6.41 2.42	5.80 2.20	5.40 2.79	5.97 2.71	11
12	5.80 2.98	6.00 2.65	6.86 3.30	6.44 3.47	5.35 2.65	NR NR	5.65 2.30	6.62 2.64	6.34 2.49	5.50 2.10	4.44	5.16 2.48	12
13	5.95 3.05	5.87 2.42	6.85 3.42	6.96 3.55	5.36 2.76	NR NR	5.89 2.43	6.37 2.38	6.05 2.38	5.07 2.08	5.61 2.60	5.90 2.44	13
14	6.29 3.18	5.89 2.46	6.69 3.44	6.52 3.50	5.21 2.93	NR NR	6.00 2.58	6.29 2.34	5.58 1.97	5.00 2.35	5.82 2.42	6.22 2.63	14
15	6.37 3.01	6.09 2.48	6.17 3.32	5.97 3.39	5.47 3.16	NR NR	6.37 2.54	6.13 2.44	4.97 1.99	5.45 2.88	5.99 2.39	6.20 2.65	15
16	6.17 2.81	6.06 2.61	6.88 3.43	5.39 3.30	5.54 3.07	NR NR	5.82 2.58	5.49 1.77	5.26 2.28	5.97 2.70	5.97 2.36	6.10 2.89	16
17	6.21 2.68	5.82 2.54	6.37 3.66	5.36 3.18	5.92 3.17	NR NR	6.42 2.80	5.13 1.83	5.60 2.81	6.15 2.63	5.90 2.35	6.37 3.19	17
18	6.13 2.55	5.70 2.37	5.87 3.40	5.40 3.15	5.80 2.56	4.97 2.02	5.72 2.13	4.86 1.95	6.22 2.76	6.11 2.28	5.70 2.42	5.96 3.14	18
19	6.21 2.32	5.34 2.42	5.83 3.38	5.73 3.31	6.06 2.59	5.38 2.02	5.57 2.40	4.93 2.28	6.43 2.59	6.52 2.38	5.77 2.68	5.83 3.00	19
20	6.16 2.39	4.95 2.28	5.94 3.45	6.06 3.30	5.87 2.30	5.71 2.17	5.64 2.76	5.22 2.75	6.62 2.54	6.47 2.57	5.60 2.49	5.62 3.07	20
21	5.63 2.21	5.01 2.42	6.68 4.13	6.22 3.25	5.81 3.77	5.78 2.20	5.57 2.61	5.94 2.87	6.75 2.53	6.39 2.63	5.30 2.43	5.60 3.20	21
22	5.32 2.22	5.09 2.56	6.43 3.79	6.45 4.40	6.08	5.63 2.30	5.38 2.65	5.95 2.43	6.75 2.60	6.12 2.55	5.14 2.52	5.84 3.13	22
23	5.38 2.06	5.04 2.61	6.24 3.94	6.60 3.34	6.05 2.76	5.42 3.26	5.46 2.61	6.27 2.63	6.62 2.52	5.83 2.51	4.99 2.44	5.51 2.92	23
24	5.25 2.30	5.40 2.96	6.51 3.50	6.84 3.39	5.94 2.65	5.35 2.40	5.78 2.61	6.46 2.61	6.50 2.38	5.66 2.49	5.06 2.62	6.39 2.90	24
25	5.12 2.29	5.99 2.96	6.51 3.52	6.69 3.51	5.57 2.82	5.10 2.49	5.74 2.42	6.35 2.63	6.21 2.45	5.50 2.54	5.48 2.90	5.85 2.90	25
26	5.00 2.44	6.51 3.21	6.76 3.42	6.71 3.44	4.94 2.41	5.72 2.56	6.19 2.40	6.48 2.46	6.07 2.27	5.18 2.50	5.84 3.09	5.78 2.58	26
27	4.86 2.23	6.22 3.19	7.01 3.55	6.44 3.40	4.90 2.24	5.82 3.00	6.15 2.39	6.38 2.26	5.69 2.28	5.20 2.45	5.85 3.01	5.76 2.42	27
28	4.93	6.91	7.28 3.65	6.17 3.39	5.09 2.55	5.84 2.81	6.13 2.32	5.74 1.89	5.17 2.19	4.84 2.45	5.81 2.76	5.72 2.23	28
29	5.30 2.20	7.18 3.68	6.94 3.75	5.94 3.32		5.82 2.85	5.97 2.14	5.57 2.03	5.24 2.31	5.22 2.76	6.17 2.49	5.83 2.12	29
30	5.73 2.22	7.46 3.81	6.66 3.61	5.46 3.18		6.38 3.24	5.73 1.88	5.40 2.20	5.38 2.53	3.87 2.49	6.08	6.40 2.52	30
31	5.76 2.34		6.31 3.47	5.30 3.10		6.07 2.52		5.01 1.90		5.34 2.30	5.94 2.37		31
MAXIMUM	6.37	7.46	7.34	6.96	6.34	NR	6.42	6.62	6.75	6.75	6.30	6.40	MAXIMUM
MINIMUM	1.85	2.19	3.18	2.92	2.24	NR	1.88	1.77	1.97	2.08	2.27	2.12	MINIMUM

	LOCATIO	NC			,	AXIMUM DISC		PERIOD	DATUM OF GAGE				
		UDE 1/4 SEC. T. & R.,			OF RECOR	₹D	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO ON	REF.	
LATITUDE	LONGITUDE		8. 8 M		CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	TD	GAGE	DATUM
37 49 13	121 26 55	NE 29	18	5E		14.7	12-11-1950		OCT 40-SEPT 66 MAR 68-DATE	1940 1952 1953 1960	1952 1953 1960	-3.66 -4.13 -2.13 -3.00	USCGS USCGS USCGS USCGS
										1964	1964	-3.56 -3.00	USCGS

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95270	OLD RIVER NEAR BYRON

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	2.59 -0.31	2.99 -0.89	4.26 0.59	2.87 -0.36	3.02 -0.20	2.31	2.86 -1.13	2.69 -1.11	2.11	2.70 -0.29	3.10 -0.75	3.24 -0.74	'
2	2.85 -0.36	3.15 -0.88	4.22 0.61	3.14 -0.07	3.10 -0.24	2.14 -1.57	2.58 -1.27	2.10 -1.18	2.21 -0.51	2.96 -0.46	3.20 -0.68	3.46 -0.52	2
3	3.23 -0.13	3.26 -0.73	3.53 0.19	2.42	3.13 -0.54	2.05 -1.59	2.40 -1.22	2.05 -0.88	2.58 -0.51	3.16 -0.69	3.63 -0.68	2.99	3
4	3.16 -0.07	2.97 -0.59	3.04 0.16	2.45 -0.76	3.01 -0.65	2.44	2.17 -1.20	2.26 -0.94	2.78 -0.67	3.38 -0.73	3.74 -0.65	2.91 -0.53	4
5	3.37 -0.37	2.93 -0.77	2.74	2.82 -0.47	3.02 -0.62	2.19 -1.73	2.33 -0.63	2.18 -0.64	2.96 -0.74	3.56 -0.69	3.56 -0.68	3.19 -0.02	5
6	3.29 -0.36	2.61 -0.79	3.16 -0.18	2.99	3.15 -0.55	1.89 -1.76	2.28 -0.66	2.42 -0.41	3.10 -0.74	3.78 -0.66	3.46 -0.70	3.01 -0.08	6
7	2.87 -0.67	2.15 -0.76	3.23 0.06	3.13 -0.59	2.88 0.91	2.09	2.26 -0.53	2.77 -0.43	3.38 -0.70	3.92 -0.58	3.33 -0.67	2.82 -0.28	7
8	2.82 -1.16	2.15 -0.82	3.76 0.63	3.30 0.91	2.98 -0.63	2.12 -1.23	2.25 -0.50	2.76 -0.76	3.50 -0.69	3.77 -0.65	2.98 -0.71	3.01 -0.35	8
9	2.06 -0.99	2.40 -0.62	3.98 0.31	3.42 -0.49	2.70 -0.70	2.15 -0.28	2.25 -0.68	2.72 -0.95	3.63 -0.56	3.68 -0.72	2.58 -0.75	3.38 -0.23	9
10	2.95 -0.54	2.70 -0.46	3.88 1.15	3.49 -0.34	2.55 -0.97	2.19 -1.06	2.64	3.02 -0.81	3.77 -0.72	3.37 -0.89	2.64	3.49 -0.29	10
- 11	2.87 -0.43	2.88 -0.04	3.70 -0.01	3.54 -0.20	2.38 -0.95	1.86 -1.00	2.57 -0.82	3.39 -0.60	3.56 -0.79	3.06 -0.94	2.98 -0.16	3.36 -0.40	11
12	2.88 -0.03	3.05 -0.46	3.77 -0.12	3.40 -0.09	2.20 -0.85	2.52 -0.93	2.67 -0.91	3.53 -0.59	3.37 -0.76	2.70 -0.98	3.18 -0.19	3.21	12
13	3.01 0.04	2.95 -0.70	3.86 -0.02	3.64 0.06	2.14 -0.74	2.29 -0.33	2.95 -0.76	3.32 -0.84	3.00 -0.84	2.51 -0.96	3.40 -0.42	2.23	13
14	3.23 0.22	2.95 -0.85	3.60 -0.01	3.16 -0.03	2.24	2.05 -0.90	3.10 -0.70	3.23 -0.89	2.53 -1.23	2.97	1.60 -0.59	3.31 -0.54	14
15	3.28 -0.02	3.14 -0.84	3.15 -1.17	2.82 -0.23	2.44	1.83	3.26 -0.72	3.13 -0.80	2.17 -1.19	1.87	3.51 -0.68	3.25 -0.49	15
16	3.26 -0.26	3.06 -0.72	3.77 0.00	2.33 -0.34	2.49	1.99 -0.97	3.01 -0.69	2.42 -1.47	2.43 -0.88	3.31 -0.29	3.46 -0.71	3.31 -0.19	16
17	3.28 -0.40	2.72 -0.81	3.22 0.17	2.30 -0.43	2.84	2.31	3.26 -0.49	1.99 -1.41	2.83 -0.29	3.66 -0.35	3.42 -0.72	3.50 0.10	17
18	3.17 -0.53	2.56 -0.94	2.77	2.37	2.67 -0.91	2.17 -1.32	2.52 -1.22	1.86 -1.26	3.34 -0.34	3.57 -0.77	3.23 -0.65	3.26 0.06	18
19	3.25 -0.75	2.18 -0.90	2.79 -0.15	2.67 -0.05	3.00 -0.92	2.42 -1.29	2.40 -0.96	2.19 -0.91	3.51 -0.57	3.73 -0.66	3.33 -0.37	2.90 -0.11	19
20	3.04 -0.67	1.96 -0.99	2.92	2.97 -0.16	2.85 -1.24	2.73 -1.13	2.45 -0.52	2.56 -0.43	3.61 -0.67	3.83	3.15 -0.57	2.83 -0.02	20
21	2.65 -0.85	2.11	3.51 0.79	3.14 -0.28	2.87 -1.15	2.79 -1.09	2.52 -0.71	3.27 -0.27	3.68 -0.68	3.85 -0.39	2.89 -0.60	2.94 0.20	21
22	2.27 -0.80	2.22	3.25 0.27	3.32 -0.22	3.14 -0.75	2.72 -0.97	2.38 -0.55	3.13 -0.72	3.77 -0.58	3.67 -0.47	2.70 -0.52	2.95	22
23	2.25 -0.96	2.17 -0.55	3.05 -0.11	3.53 -0.20	3.11 0.35	2.60 -0.88	2.55 -0.59	3.54 -0.49	3.71 -0.70	3.34	2.48	2.79 -0.18	23
24	2.26 -0.73	2.51 -0.26	3.34 -0.15	3.76 1.49	2.90 -0.86	2.43 -0.74	2.95	3.73 -0.53	3.55 -0.79	3.23 -0.54	2.58	3.36 -0.26	24
25	2.21	3.04	3.35	3.66 -0.14	2.41 -0.65	2.29	2.98	3.72 -0.59	3.38	2.94	2.74	3.01 -0.21	25
26	2.06 -0.65	3.54 1.06	3.59	3.50 -0.23	1.82	2.76	3.32	3.68 -0.72	3.07	2.68 -0.52	3.21	2.96	26
27	1.84	3.36 -0.11	3.89	3.36 -0.27	1.85 -1.21	2.84 -0.31	3.31	3.53 -0.83	2.73	2.52 -0.54	3.21	2.89	27
28	1.98 -0.64	3.96 -0.17	4.10 -0.09	3.09	2.24 -0.78	2.87	3.35 -0.92	2.89 -1.27	2.37	2.51 -0.51	3.19	2.93	28
29	2.38	4.27 0.33	3.81	2.81 -0.28		3.01 -0.44	3.08	2.61	1.73	2.76 -0.23	3.37 -0.59	2.09	29
30	2.80	4.40 0.45	3.50 -0.12	2.45		3.45	2.74	2.34	2.48	2.90	3.37 -0.73	3.30	30
31	2.83 -0.73		3.17	2.48		3.15 -0.81		2.35		3.10	1.87		31
MAXIMUM	3.37	4.40	4.26	3.76	3.15	3.45	3.35	3.73	3.77	3.92	3.74	3.50	MAXIMUM
MINIMUM	-1.16	-0.99	-0.30	-0.76	-1.24	-1.76	-1.31	-1.47	-1.23	-0.98	-0.75	-0.97	MINIMUM

	LOCAT	ION		IMUM DISCH		PERIOD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. 8.R.,		OF RECOR	•	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATTIONE	LONGITUDE	M.D.B & M	CFS (GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUR
37 53 28	121 34 09	NE 31 1N 4E		6.17	2-15-1969		MAY 1963-DATE	1963 1964	1964	-10.42 0.00	USCG

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
(IN FEET)

WATER YEAR	STATION NUMBER	STATION NAME
1971	895180	OLD RIVER NEAR ROCK SLOUGH

DATE	OCTOSER	NOVEMBER	DECEMBER	JANUARY	FE8RUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	5.84 3.11	6.24	7.50 3.58	6.01 2.55	6.18 2.82	5.64	6.03 2.07	5.83 2.07	5.37 2.12	4.48	4.86 2.52	6.61 2.49	1
2	6.11 2.83	6.42	7.38 3.59	6.19 2.81	6.34 2.73	5.34 1.59	5.74 1.96	5.26 1.98	5.43 2.74	6.20 2.72	6.65	6.81 2.67	2
3	6.47 3.04	6.49 2.38	6.76 3.17	5.56 2.27	6.25 2.41	5.42 1.58	5.55 2.02	5.23 2.29	5.80 2.75	6.38 2.58	6.90 2.57	6.46	3
4	6.41 3.10	6.22 2.49	6.23 3.18	5.67 2.22	6.20 2.29	5.87 2.02	5.34 2.05	5.46 2.24	6.01 2.54	6.60 2.36	6.98 2.59	6.40 2.61	4
5	6.64 2.80	6.13 2.32	5.98 2.77	6.04 2.47	6.26 2.31	5.37 1.42	5.52 2.62	5.39 2.57	6.18 2.48	6.77 2.53	6.84 2.55	6.42 3.14	5
6	6.52 2.83	5.80 2.31	6.19 2.83	6.14 2.29	6.32 2.38	5.25 1.41	5.51 2.57	5.65 2.80	6.31 2.46	6.99 2.58	6.75 2.54	6.27 3.13	6
7	6.02 2.51	5.44 2.33	6.51 3.09	6.36 2.33	6.22 2.30	5.50 1.84	5.49 2.70	5.98 2.78	6.61 2.51	7.15 2.68	6.61 2.54	6.14	7
8	6.03 2.04	5.40 3.28	6.97 3.67	6.54 2.44	6.18 3.73	5.48 1.94	5.47 2.73	5.97 2.44	6.73 2.53	7.02 2.59	6.33 2.50	6.49 2.83	8
9	6.20 2.18	5.70 2.48	7.16 3.28	6.71 4.21	5.75 2.34	5.44 2.11	5.47 2.57	5.90 2.20	6.89 2.69	6.92 2.54	5.98 2.52	6.71 2.95	9
10	5.49 2.61	5.99 2.65	6.96 2.97	6.78 2.58	5.60 2.06	5.35 2.15	5.83 2.60	6.19 2.33	6.97 2.50	6.62 2.34	6.01 2.62	6.73 2.89	10
11	6.12 2.70	6.19 2.67	6.90 4.23	6.81 2.73	5.44 2.12	5.17 2.53	5.76 2.36	6.56 2.54	6.76 2.42	6.31 2.28	6.47 3.11	6.56 2.78	"
12	6.11 3.12	6.30 2.41	6.96 2.87	6.70 2.87	5.25 2.23	5.94 2.26	5.84 2.26	6.68 2.53	6.59 2.47	5.95 2.26	6.60 3.06	6.44	12
13	6.23 3.19	6.23 3.42	7.08 2.95	6.65 3.06	5.22 2.31	5.51 2.81	6.13 2.39	6.47 2.30	6.21 2.33	5.80 2.30	6.73 2.85	5.40 2.45	13
14	6.41 3.38	6.25 2.17	6.81 2.97	6.16 2.93	5.47 2.55	5.26 2.32	6.26 2.44	6.38 2.27	5.72 1.99	6.25 2.61	6.80 2.67	6.48 2.63	14
15	6.44 3.12	2.19	6.46 2.79	5.82 2.73	5.72 2.94	5.23 2.10	6.37 2.41	6.27 2.39	5.69 2.04	6.58 3.18	5.30 2.57	6.44 2.70	15
16	6.56 2.87	6.25 2.27	6.83 3.01	5.51 2.61	5.68 2.86	5.37 2.17	6.33 2.52	5.52 1.68	4.92 2.38	5.10 2.98	6.79 2.54	6.49 3.01	16
17	6.54 2.75	5.93 2.20	6.29 3.16	5.49 2.56	6.10 2.92	5.64 2.26	6.36 2.65	5.07 1.71	6.09 2.96	6.95 2.91	6.71 2.52	6.68	17
18	6.38 2.60	5.75 2.08	6.01 2.91	5.62 2.70	5.74 2.20	5.52 1.85	5.59 1.87	5.07 1.94	6.61 2.89	6.82 2.46	6.60 2.59	6.48 3.25	18
19	6.46 2.40	5.27 2.12	6.02 2.84	5.89 3.01	6.10 2.11	5.67 1.88	5.48 2.19	5.43 2.32	6.74 2.65	6.96 2.57	6.67 2.88	6.08 3.10	19
20	6.11 2.46	5.20 2.05	6.14 3.00	6.15 2.86	5.93 1.87	5.97 2.03	5.59 2.60	5.87 2.84	6.83 2.54	7.08 2.78	6.42 2.66	6.24 3.20	20
21	5.82 2.28	5.44 2.28	6.68 3.86	6.33 2.71	6.00 1.96	5.92 2.09	5.66 2.41	6.54 2.88	6.89 2.50	7.10 2.84	6.18 2.66	6.22 3.39	21
22	5.38 2.37	5.54 2.46	6.36 3.26	6.53 2.76	6.42 2.35	5.89 2.18	5.55 2.60	6.40 2.47	6.98 2.63	6.95 2.76	6.03 2.72	6.16 3.23	22
23	5.40 2.19	5.49 2.54	6.16 2.87	6.74 2.76	6.27 2.24	5.88 2.29	5.74 2.55	6.80 2.68	6.94 2.54	6.76 2.75	5.73 2.66	6.24 3.01	23
24	5.38 2.41	5.84 2.79	6.49 2.77	6.95 2.80	6.11 2.50	5.82 2.42	6.17 2.52	6.98 2.64	6.78 2.45	6.53 2.70	5.85 2.88	6.52 2.94	24
25	5.39 2.40	6.35 3.02	6.48 2.59	6.84 4.30	5.55 2.83	5.66 2.58	6.21 2.30	6.97 2.63	6.60 2.50	6.32	6.15 3.15	6.31 2.99	25
26	5.19 2.48	6.78 2.92	6.75 4.38	6.66 2.68	4.98 1.95	6.00 3.04	6.54 2.34	6.94 2.46	6.29 2.35	5.95 2.74	6.42 3.35	6.29 2.66	26
27	5.00 2.13	6.69 4.04	7.08 2.71	6.56 2.65	5.06 1.94	6.06 2.82	6.52 2.34	6.79 2.38	5.93 2.39	5.82 2.74	6.44 3.28	6.03 2.50	27
28	5.19 2.10	7.27 2.98	7.12 2.81	6.26 2.68	5.49 2.37	6.11 2.62	6.56 2.33	6.10 1.92	5.61 2.25	5.90 2.79	6.43 2.96	6.10 2.29	28
29	5.65 2.91	7.57 3.31	6.97 2.96	5.84 2.65		6.37 2.70	6.27 2.16	5.81 2.03	5.69 2.32	6.03 3.05	6.55 2.68	5.30 2.25	29
30	6.10 2.28	7.65 3.45	6.65 2.76	5.61 2.55		6.86 3.12	5.90 1.87	5.57 2.24	5.93 2.76	6.20 2.78	6.65 2.52	6.48 2.68	30
31	6.09 2.38		6.32 2.62	5.82 2.57		6.31 2.32		4.79 1.95		6.51 2.58	5.23 2.50		31
MAXIMUM	6.64	7.65	7.50	6.95	6.42	6.86	6.56	6.98	6.98	7.15	6.98	6.81	MAXIMUM
THE PROPERTY.	2.04	2.05	2.59	2.22	1.87	1.41	1.87	1.68	1.99	2.26	2.50	2.25	MINIMUM

	LOCATIO	ON	,	MAXIMUM DISCHARGE		PERIOD	DATUM OF GAGE				
LATITUDE		1/4 SEC. T. B.R.,		OF RECOR	10	DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.
LATITODE	LONGTIODE	M.D.B. & M.	CFS	GAGE HT	DATE	DISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
37 59 25	121 34 49	SW 30 2N 4E		10.0	12-26-1955		MAR 1945-DATE	1945 1945		0.00	USED
								1964	1964	-3.58 -3.00	USCO

Station located on American Island (formerly Holland Tract), 1.2 miles north of Rock Slough, 4.7 miles northeast of Knightsen. Station was rendered inoperative by amphibious craft October 1, 1968; reinstabled April 24, 1969.

WATER YEAR	STATION NUMBER	STATION NAME	,
1971	B94175	MOKELUMNE RIVER NEAR THORNTON	

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	3.23 0.59	3.53 0.14	7.28 6.89	4.38 3.83	3.77 1.71	3.34 1.16	4.57 3.39	3.34 0.66	3.11 1.04	3.49 1.33	3.67 0.20	3.83 0.57	1
2	3.46 0.64	3.68 0.10	8.00 A 7.13 A	4.10 3.29	3.88 1.77	3.12 0.44	4.07 2.63	2.82 0.77	3.17 1.36	3.72 1.25	3.81 0.28	4.02 0.77	2
3	3.77 0.80	3.71 0.22	8.63 A 8.02 A	3.92 2.82	3.83 1.56	3.02 0.50	3.71 2.13	2.90 1.06	3.46 1.48	3.85 1.09	4.00 0.34	3.77 0.43	3
4	3.71 0.92	3.50 0.40	8.26 A 7.09 A	3.93 2.66	3.81 1.44	3.51 0.94	3.45 1.83	3.17 1.06	3.66 1.32	4.03 1.08	4.05 0.34	3.79 0.85	4
5	3.93 0.64	3.39 0.29	9.18 A 7.11 A	3.94 2.24	3.83 2.28	2.89 0.37	3.45 1.83	3.12 0.62	3.77 1.20	4.18 1.14	3.93 0.30	3.83 1.30	5
6	3.78 0.70	3.12 0.18	9.12 A 7.67 A	3.91 1.89	3.84 1.43	2.80	3.40 1.83	3.08 0.82	3.86 1.17	4.39 1.16	3.87 0.34	3.72 1.30	6
7	3.29 0.21	2.86 0.25	7.66 A 6.10 A	3.99 2.35	3.78 1.45	3.09 1.23	3.38 2.21	3.33 0.73	4.11 1.26	4.50 1.07	3.75 0.38	3.59 0.94	7
8	3.31 -0.13	2.89 0.27	6.10 A 5.18 A	4.07 1.71	3.71 1.34	2.99 0.51	3.35 1.90	3.32 0.49	4.20 1.27	4.33 0.72	3.53 0.34	3.86 0.95	8
9	2.58 0.00	3.19 0.47	5.54 4.89	4.17	3.37 1.33	3.04 0.40	3.34 1.75	3.27 0.46	4.33 1.42	4.19 0.62	3.22 0.30	4.06 1.11	9
10	3.49 0.39	3.09 0.68	5.59 4.85	4.22 1.75	3.22 1.06	2.96 0.64	3.50 1.57	3.53 0.57	4.38	4.00 0.53	3.25 0.35	4.11	10
11	3.46 0.53	3.40 0.01	5.35 4.75	4.24 1.82	3.09 1.03	2.81	3.41 1.43	3.85 0.82	4.18 1.02	3.74 0.49	3.63 0.72	3.95 1.06	11
12	3.49 0.88	3.40 0.18	5.15 4.41	4.18 1.88	2.95 1.09	3.36 0.71	3.48 1.30	3.97 0.85	4.05 1.09	3.40 0.42	3.75 0.82	3.83 0.85	12
13	3.59 0.92	3.40 -0.10	5.08 4.12	4.38 2.19	2.95 1.15	2.94 0.88	3.65 1.26	3.78 0.67	3.74 0.91	3.30 0.39	3.87 0.63	2.90 0.82	13
14	3.74 1.06	3.46 -0.28	4.85 3.95	5.14 3.46	3.20 1.37	3.03 1.29	3.73 1.31	3.69 0.58	3.23 0.51	3.67 0.56	2.39 0.55	3.87 0.96	14
15	3.76 0.94	3.58 -0.22	4.72 3.63	5.04 4.63	3.43 1.74	2.89 0.74	3.83 1.23	3.61 0.75	2.67 0.41	2.53 0.97	3.93 0.52	3.86 1.06	15
16	3.84 0.74	3.43 -0.20	4.46 3.46	4.29 3.66	3.40 1.68	2.94 0.67	3.78 1.26	2.86	3.29 0.65	3.92 0.88	3.94 0.47	3.91 1.30	16
17	3.84 0.64	3.13 -0.31	4.94 2.81	3.77 2.79	3.77 1.85	2.98	3.78 1.21	2.31	3.62 1.13	4.20 0.83	3.88 0.49	4.10 1.61	17
18	3.68 0.54	2.94 -0.47	5.78 4.91	3.74 2.30	3.49 1.25	2.97 0.22	3.11 0.59	2.47 -0.16	4.03 1.18	4.08 0.49	3.63 0.73	3.92 1.53	18
19	3.73 0.31	2.52 -0.47	5.61 A 4.76 A	3.96 2.56	3.86 1.87	3.10 0.21	3.05 0.77	2.80 0.81	4.13 0.98	4.20 0.61	3.44	3.58 1.38	19
20	3.39 0.36	2.48 -0.54	4.70 4.08	4.09 2.67	3.64 1.81	3.33 0.24	3.18 0.98	3.60 1.55	4.18 0.90	4.28	2.96 0.55	3.75 1.43	20
21	3.14 0.20	2.74 -0.32	4.68 3.74	4.18 2.56	3.78 2.56	3.31 0.29	3.13 0.70	4.13 1.55	4.22 0.84	4.29 0.77	3.33	3.72 1.55	21
22	2.74 0.25	2.83 -0.13	5.07 3.97	4.23 3.02	4.04 1.80	3.28	3.06 0.76	4.02 1.38	4.30 0.98	4.15 0.71	3.05	3.64 1.49	22
23	2.80 0.16	2.80	5.31 4.83	4.33 2.48	3.90 2.00	3.27 1.22	3.17 0.74	4.33	4.27 0.89	4.02 0.67	3.18 0.63	3.75 1.27	23
24	2.73 0.31	3.14 0.31	4.77 4.11	4.42	3.89 1.82	3.24	3.51	4.44	4.13	3.84	2.74 0.92	3.99	24
25	2.84 0.35	3.61 0.93	4.40 3.48	4.28	3.22 1.85	3.22 0.74	3.52 0.40	4.44	4.02	3.66 0.66	3.45 1.11	3.74	25
26	2.48 0.35	4.03 0.62	4.43 2.83	4.12	2.80 1.23	3.64	3.81 0.45	4.40 1.28	3.73 0.47	3.32	3.65	3.71 1.06	26
27	2.44 0.23	4.10 1.18	4.61 2.62	4.07	2.96	7.64 A 2.62 A	3.78 0.40	4.26	3.31	3.16	3.67 0.84	3.46 0.87	27
28	2.60 0.11	4.52 1.54	4.87 2.87	3.87	3.33	8.25 A 7.42 A	3.82 0.36	3.61 0.74	3.33 1.23	3.20 0.39	3.70	3.50 0.73	28
29	3.02	4.94 1.78	5.21	3.54 1.89		7.41 A 6.10 A	3.57 0.81	3.36	3.31	3.29 0.57	3.83	2.83	29
30	3.50 0.07	7.33 A 3.89 A	5.04 4.23	3.38		6.11 5.18	3.37 0.52	3.25	2.24	3.43	3.85	3.88	30
31	3.42 0.78		4.87 4.13	3.53		5.21 4.15		3.33		1.92	2.63	_,,,,	31
MAXIMUM	3.93	7.33	9.18	5.14	4.04	8.25 A	4.57	4.44	4.38	4.50	4.05	4.11	MAXIMUM
MINIMUM	-0.13	-0.54	2.62	1.64	1.03	0.19	0.36	-0.30	0.41	0.24	0.20	0.43	MINIMUM

A - High flows affected the normal tidal pattern. Gage heights listed are maximum and minimum stage for day.

	LOCATI	ON			AXIMUM DISCI		PERIOD	OF RECORD		DATUM	OF GAGE	
		1/4 SEC. 1	. 8. R.		OF RECOF	10	DISCULADOS	GAGE HEIGHT	PEF	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B. 8		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	то	ON GAGE	DATUM
38 15 20	121 26 21	NW 28 5N	5E		14.5	2-2-1963		FEB 1959-DATE	1959	1964	0.4	USCGS
									1964	1704	0.00	USCGS

Station located at highway bridge, 2.3 miles northwest of Thornton. Also known as "Mokelumne River at Benson's Ferry". At times, tidal fluctuation is intiuenced by operation of the Delta Cross Channel gates.

WATER YEAR	STATION NUMBER	STATION N	NAME						
1971	B94150	MOKELUMNE	RIVER,	SOUTH	FORK,	AT	NEW	HOPE	BRIDGE

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	3.25 0.46	3.60 -0.05	5.03 1.77	3.39 0.31	3.51 0.23	3.11 -0.12	3.44 -0.14	3.28 0.14	3.02 0.55	1.94	2.18 0.22	3.96 0.53	1
2	3.51 0.48	3.78 -0.05	4.89 1.89	3.19 0.31	3.65 0.18	2.86 -0.39	3.09 -0.36	2.75 0.10	3.08 1.01	3.66 0.76	3.97 0.30	4.19 0.71	2
3	3.87 0.67	3.82 0.10	4.46	2.77 -0.29	3.56 -0.12	2.89 -0.46	2.88	2.78 0.42	3.41	3.81 0.59	4.21 0.35	3.89 0.32	3
4	3.79 0.76	3.57 0.26	3.87 1.85	3.10 -0.26	3.54 -0.24	3.40 -0.01	2.72	3.06 0.36	3.62 0.95	4.00 0.54	4.30 0.35	3.85 0.66	4
5	4.02 0.47	3.45 0.13	3.69 1.14	3.42 -0.02	3.58 -0.21	2.69	2.91 0.07	2.98 -0.12	3.74 0.86	4.16 0.58	4.17 0.32	3.89 1.10	5
6	3.84 0.54	3.15	3.96 1.85	3.50 -0.20	3.63 1.27	2.66 -0.65	2.94 0.08	2.97 0.13	3.84 0.83	4.39 0.61	4.12 0.33	3.74 1.11	6
7	3.34 0.05	2.84	4.15	3.71 -0.18	3.58 -0.14	2.97 -0.26	2.92 0.19	3.27 0.12	4.13 0.90	4.54 0.69	3.98 0.37	3.62 0.76	7
8	3.53 -0.29	2.87 0.11	4.49	3.87 1.19	3.50 -0.23	2.92	2.86	3.27 -0.19	4.22 0.89	4.43 0.56	3.73 0.32	3.95 0.77	8
9	2.59 -0.16	3.19 0.31	4.58 1.75	4.02 -0.06	3.09 -0.17	2.93 0.51	2.88	3.19 -0.42	4.36	4.31 0.49	3.37 0.31	4.14 0.90	9
10	3.54 0.23	3.21 -0.10	4.40	4.11 0.08	2.93 -0.46	2.87 -0.01	3.20 0.05	3.47 -0.26	4.43 0.81	4.03 0.26	3.43 0.36	4.18 0.87	10
11	3.50 0.35	3.42 0.30	4.35 0.89	4.13 0.25	2.78 -0.44	2.72 -0.03	3.12 -0.18	3.80 -0.03	4.21 0.66	3.72 0.20	3.85 0.77	3.95 0.79	11
12	3.54 0.72	3.42 -0.02	4.40 0.74	4.07 0.38	2.60 -0.34	3.29 0.14	3.20 -0.27	3.93 0.00	4.04 0.69	3.37 0.15	3.98 0.82	3.82 0.55	12
13	3.65 0.76	3.42 -0.35	4.47 0.78	4.02 0.57	2.59 -0.29	2.85 0.14	3.49 -0.13	3.74 -0.25	3.70 0.55	3.27 0.15	4.07 0.66	2.83 0.50	13
14	3.82 0.93	3.47 -0.52	4.21 0.77	3.60 0.56	2.84	2.67 -0.20	3.56 -0.06	3.65 -0.30	3.16 0.18	3.68 0.36	4.13 0.54	3.86 0.62	14
15	3.84 0.77	3 • 60 -0.51	4.11 0.56	3.22 0.52	3.07 0.33	2.60 -0.49	3.68 -0.11	3.57 0.00	3.21 0.14	3.99 0.82	2.73 0.50	3.85 0.71	15
16	3.92 0.54	3.45 -0.44	4.19 0.72	2.95 0.29	3.01 0.20	2.72 -0.42	3.64 0.10	NR NR	2.32 0.36	2.46 0.75	4.16 0.47	3.92 1.00	16
17	3.93 0.45	3.15 -0.53	3.69 0.79	2.92 0.07	3.46 0.34	2.79 -0.65	3.64 0.08	NR NR	3.60 0.88	4.32 0.73	4.06 0.46	4.13 1.27	17
18	3.74 0.34	2.99 -0.66	3.60 0.80	3.03 0.10	3.08 -0.42	2.81	2.82 -0.69	NR NR	4.07 0.90	4.21 0.34	3.97 0.50	3.91 1.19	18
19	3.79 0.10	2.51 -0.65	3.47 0.62	3.28 0.38	3.62 0.35	2.96 -0.77	2.81	NR NR	4.20 0.71	4.32 0.45	4.05 0.73	3.54 1.03	19
20	3.42 0.16	2.44 -0.74	3.58 0.63	3.52 0.37	3.22 0.22	3.24 -0.60	3.00 0.01	NR NR	4.26 0.61	4.43 0.63	3.82 0.56	3.73 1.08	20
21	3.16 -0.02	2.70 -0.51	4.06 1.34	3.67 0.26	3.46 0.29	3.23 -0.55	2.98 -0.19	NR NR	4.31 0.57	4.48 0.68	3.60 0.54	3.68 1.23	21
22	2.72 0.05	2.80 -0.34	3.78 0.95	3.83 0.31	3.86 0.58	3.21 -0.45	2.93 -0.04	3.98 0.75	4.42 0.72	4.32 0.60	3.43 0.59	3.59 1.15	22
23	2.79 -0.12	2.75 -0.28	3.59 0.62	4.08 0.36	3.72 1.21	3.19 -0.30	3.07 -0.07	4.33 0.94	4.37 0.62	4.15 0.57	3.13 0.47	3.71 0.91	23
24	2.73 0.07	3.10 0.06	3.89 0.44	4.26 1.84	3.72 0.42	3.14 -0.19	3.45 -0.19	4.46 0.85	4.21 0.54	3.91 0.52	3.28 0.62	3.98 0.95	24
25	2.83 0.07	3.60 0.30	3.85 1.47	4.14 0.40	2.94 0.38	3.06 0.20	3.46 -0.32	4.47 0.94	4.05 0.60	3.71 0.53	3.60 0.93	3.70 0.94	25
26	2.50 0.08	4.01 1.40	4.11 0.24	3.97 0.28	2.47 -0.05	3.38 0.19	3.77 -0.24	4.42 0.70	3.72 0.35	3.32 0.47	3.81 1.12	3.67 0.63	26
27	2.43 -0.18	4.06 0.29	4.40 0.33	3.88 0.22	2.65 -0.02	3.51 0.57	3.75 -0.23	4.25 0.61	3.33 0.35	3.23 0.42	3.80 1.07	3.39 0.42	27
28	2.60 0.03	4.50 0.75	4.47 0.47	3.62 0.27	3.11 0.34	3.80 1.14	3.80 -0.20	3.56 0.17	3.17 0.46	3.30 0.43	3.79 0.84	3.45 0.24	28
29	3.06 -0.21	4.85 0.69	4.40 0.74	3.21 0.21		3.97 0.90	3.53 0.34	3.28 0.34	3.22 0.40	3.39 0.62	3.93 0.65	2.73 0.18	29
30	3.47 -0.04	5.20 1.17	4.08 0.59	3.01 0.08		4.37	3.33 0.01	3.25 0.69	3.42 0.64	3.56 0.44	3.96 0.55	3.85 0.51	30
31	3.48 0.19		3.76 0.43	3.22 0.05		3.71 0.11		2.50 0.50		3.80 0.26	2.65 0.55		31
MAXIMUM	4.02	5.20	5.03	4.26	3.86	4.37	3.80	NR	4.43	4.54	4.30	4.19	MAXIMUM
MINIMUM	-0.29	-0.74	0.24	-0.29	-0.46	-0.79	-0.69	NR	0.14	0.15	0.22	0.18	MINIMUM

	LOCATI	ON			MAXIMUM DISCHARGE			PERIOD	DATUM OF GAGE				
		1/4 5	4 SEC. T. 8 R.,		OF RECORD		DIECHARCE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE		D.B. 8 1		CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATU
38 13 33	121 29 24	NW 1	4N	4E		13.3	12-25-1955		AUG 1920-DATE	1920 1940 1940	1940 1964	0.26 0.00 2.84 -0.62	USED USCGS USED USCGS
										1964	1904	0.00	USCG

Station located south of Welcut Grove-Thornton Nighway bridge, 3.8 miles west of Thornton. At times, tidal fluctuation is influenced by operation of the Delta Cross Channel gates.

WATER YEAR	STATION NUMBER	STATION NAME								
1971	B95100	SAN JOAQUIN RIVER AT SAN ANDREAS LANDING								

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
ı	5.80 2.91	6.19 2.28	7.47 3.59	5.91 2.55	6.11 2.85	5.56 1.96	5.98 2.14	5.77 2.11	4.36 2.19		NR NR	2.67 -0.15	1
2	6.09 3.48	6.39 2.28	7.30 3.67	5.85 2.70	6.27 2.76	5.29 1.65	5.67 1.95	5.22 2.02	5.39 2.81		NR NR	4.07 0.03	2
3	6.44 3.09	6.44	6.75 3.19	5.35 2.12	6.17 2.44	5.38 1.64	5.48 2.09	5.19 2.36	5.76 2.84		NR NR	3.74 -0.19	3
4	6.39 3.15	6.17 2.56	6.20 3.25	5.60 2.23	6.14 2.31	5.89 2.08	5.28 2.12	5.43 2.28	5.98 2.60		NR NR	3.68 -0.03	4
5	6.62 2.86	6.07 2.42	5.92 2.79	5.99 2.48	6.19 2.32	5.27 1.46	5.46 2.64	5.32 2.64	6.15 2.55		NR NR	3.70 0.49	5
6	6.48 2.90	5.74 2.37	6.13 2.87	6.07 2.31	6.26 2.38	5.20 1.46	5.49 2.66	5.60 2.87	6.28 2.52		4.05	3.55 0.50	6
7	5.98 2.45	5.37 2.38	6.51 3.12	6.32 2.33	6.19 2.31	5.45 1.87	5.46 2.72	5.94 2.84	6.58 2.57		3.90 -0.08	3.43 0.23	7
8	5.99 2.12	5.36 2.32	6.95 3.71	6.50	6.10 2.36	5.41 1.90	5.41 2.77	5.93 2.50	6.70 2.57		3.62 -0.13	3.76 0.20	8
9	6.16 2.25	5.67 2.54	7.10 3.29	6.67	5.66 2.08	5.39 2.16	5.43 2.66	5.84 2.25	6.87 2.72		3.26 -0.12	3.98 0.31	9
10	5.44	5.95 2.70	6.90	6.76	5.51 3.18	5.30	5.77 2.64	6.13 2.38	6.94 2.55	N	3.30	4.02	10
11	6.09	6.15 2.74	6.83 2.88	6.79	5.35 2.14	5.14	5.72 2.41	6.52 2.58	6.73 2.46	0	3.74	3.83 0.14	11
12	6.09 3.15	6.20	6.94 4.56	6.68 2.87	5.16	5.92 3.01	5.79 2.31	6.64	6.56	R	3.90 0.48	3.70 -0.12	12
13	6.18 3.23	6.17	7.03 2.97	6.59	5.14 2.35	5.46 2.78	6.08 2.42	6.41 2.36	6.20 2.35	E C	4.01 0.15	3.74 -0.18	13
14	6.37 3.16	6.21	6.77 2.99	6.08	5.39 2.58	5.22 2.41	6.20 2.48	6.32 2.28	5.65 2.07	0	4.08 0.06	2.83 -0.01	14
15	6.40 3.48	6.35	6.54 2.82	5.71	5.66 2.98	5.17 2.16	6.31 2.45	6.22 2.45	5.65 2.11	R D	2.58	3.71 0.06	15
16	6.51	6.18	6.79	5.43	5.59 2.91	5.31 2.22	6.27 2.60	5.39 1.69	6.06 2.46		4.08	3.75 0.37	16
17	6.52 2.82	5.86 2.24	6.21	5.42	6.04 2.98	5.51 2.17	6.28 2.70	5.00 1.67	4.82 3.02		3.99 -0.10	3.94 0.66	17
18	6.34	5.70	6.04	5.56	5.68 2.24	5.48 1.91	5.46 1.91	4.82 1.99	6.58 2.90		3.88 -0.03	3.72 0.57	18
19	6.42	5.18 2.16	5.97 2.85	5.83 3.04	5.98 2.06	5.61 1.95	5.39 2.25	5.40 2.38	6.71 2.70		3.95 0.25	3.34 0.46	19
20	6.06	5.13 2.10	6.11	6.10	5.77 1.89	5.91 2.08	5.54 2.63	5.89 2.92	6.80 2.58		3.70 0.01	3.50 0.74	20
21	5.78 2.35	5.39	6.63 3.91	6.26	5.94 1.98	5.88 2.11	5.60 2.44	6.49 2.84	6.88 2.56		3.47 0.01	3.47 0.80	21
22	5.30	5.51 2.52	6.30 3.28	6.45 2.78	6.34 2.36	5.84	5.50 2.63	6.40 2.53	6.93 2.63		3.32 0.09	3.41 0.61	22
23	5.35	5.44	6.10	6.70 2.74	6.19 2.25	5.83 2.30	5.71 2.59	6.80 2.74	6.91 2.57		3.00 0.03	3.53 0.37	23
24	5.25	5.81	6.43	6.89	6.08 2.54	5.76 2.45	6.12 2.48	6.97 2.68	6.78 2.49		3.16 0.25	3.79 0.34	24
25	5.33	6.32 3.05	6.42	6.76	5.43 1.88	5.68 2.71	6.16 2.34	6.96 2.67	6.57 2.54		3.43 0.55	3.57 0.38	25
26	5.09	6.76 2.96	6.71	6.58 4.02	4.88	5.98 3.11	6.52 2.39	6.93 2.51	6.25 2.37		3.67 0.73	3.59	26
27	4.95	6.76 3.17	7.03 2.80	6.48	4.99	6.03	6.51 2.37	6.76 2.45	5.90 2.43		3.67 0.65	3.29 -0.14	27
28	5.13	7.24	7.05 4.45	6.19	5.51	6.07 2.65	6.52 2.34	6.05 1.95	5.59 2.30		3.67 0.33	3.36 -0.33	28
29	5.60	7.57 3.26	6.93	5.73 2.63		6.34	6.23 2.17	5.76 2.09	5.65 2.38		3.81 0.08	3.74 -0.37	29
30	6.08	7.66 3.47	6.58	5.54 2.55		6.83	5.83	5.55	5.90 2.78		3.90 -0.08	2.58	30
31	6.06	== -/	6.25	5.77 2.59		6.24	-	5.33 2.07	-		3.87 -0.11		31
MAXIMUM	6.62	7.66	7.47	6.89	6.34	6.83	6.52	6.97	6.94		NR	4.07	MAXIMUM
MINIMUM	2.12	2.10	2.59	2.12	1.88	1.46	1.91	1.67	2.07		NR	-0.37	MINIMUM

	LOCATIO	ON .	MAXIMUM DISCHARGE OF RECORD			PERIOD (DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.,				DISCHARGE	GAGE HEIGHT	PE	RIOD	ZERO	REF.
CATHOUR		M. D. B. B. M	CFS	GAGE HT	DATE	UISCHARGE	ONLY	FROM	то	ON GAGE	DATUM
38 06 12	121 35 26	SE 13 3N 3E		9.7	12-26-1955		MAY 1952-DATE	1952	1964	-2.84 -3.39	USCGS
								1964 1971	AUG 1971	-3,00 0.00	USCGS

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95060	THREE MILE SLOUGH AT SAN JOAQUIN RIVER

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	2.66 -0.12	NR NR	4.37 0.54	2.65 -0.35		NR NR	2.91 -0.87	2.64	1.20 -0.77	NR NR	3.53 -0.40	2,21 -0.53	'
2	2.93 0.48	NR NR	4.21 0.59	2.59		NR NR	2.58 -0.90	2.04	2.27 -0.21	NR NR	2.10 -0.39	3.67 -0.34	2
3	3.22 0.01	NR NR	3.66 0.14	1.97 -0.75		NR NR	2.38	2.11	2.65 -0.15	NR NR	3.77 -0.39	3.34 -0.56	3
4	3.22 0.08	NR NR	3.00 0.34	2.30		2.75 -0.95	2.19	2.35 -0.74	2.88	NR NR	3.87 -0.39	3.32	4
5	3.43 -0.16	NR NR	2.84	2.71		2.18 -1.39	2.38 -0.41	2.24	3.03 -0.47	NR NR	3.74 -0.45	3.34	5
6	3.34 -0.10	NR NR	3.04 -0.16	2.81 -0.62		2.11 -1.39	2.40 -0.41	2.52 -0.16	3.14 -0.51	NR NR	3.68 -0.45	3.17	6
7	2.77 -0.50	NR NR	3.43 0.11	3.06 -0.61		2.37 -1.06	2.42	2.87 -0.21	3.37 -0.47	3.90 -0.31	3.53 -0.45	3.05 -0.12	7
8	2.82 -0.77	NR NR	3.91 0.69	3.24 -0.49		2.35 -0.98	2.36 -0.26	2.90 -0.49	3.43 -0.47	3.79	3.21 -0.49	3.39	8
9	3.01 -0.73	NR NR	4.02 0.25	3.41 -0.34		2.30 -0.89	2.39 -0.37	2.72 -0.73	3.71 -0.32	3.56 -0.46	2.84	3.58 -0.07	9
10	2.13 -0.34	NR NR	3.84 -0.06	3.50 -0.15	N	2.19	2.75 -0.41	3.10 -0.63	3.75 -0.47	3.34	2.93	3.62	10
11	2.91 -0.24	NR NR	3.79 -0.15	3.52 1.45	0	2.07	2.66 -0.62	3.34	3.45 -0.54	2.93	3.39	3.42	- 11
12	2.89 0.06	NR NR	3.89 -0.08	3.41 -0.02	R	2.63 -0.02	2.72 -0.72	3.53 -0.53	3.29 -0.55	2.54	3.52 0.14	3.30	12
13	3.00 0.19	2.92 0.56	3.97 1.78	3.32 0.19	E C	2.41 -0.26	3.02 -0.56	3.35 -0.69	2.97 -0.65	2.61	3.64	3.34	13
14	3.22 0.07	2.99	3.71 -0.06	2.77 0.05	0	2.20 -0.55	3.15 -0.57	3.20 -0.76	2.40 -0.82	3.10	3.69	2.42	14
15	3.30 0.44	3.20 -0.66	3.20 -0.21	2.43 -0.15	R D	2.13 -0.86	3.22 -0.62	3.06 -0.68	2.32 -0.81	3.45	3.65	3.30	15
16	3.42 -0.12	2.99	3.67 0.05	2.10 -0.27		2.28	3.22 -0.49	2.30 -1.03	2.90 -0.48	3.77	2.17	3.33	16
17	3.41 -0.27	2.62 -0.67	3.11 0.19	2.07 -0.31		2.47 -0.72	3.17 -0.41	1.92 -1.02	1.65 0.03	1.96	3.58 -0.45	3.49	17
18	3.25 -0.40	2.57 -0.72	2.57 0.05	2.23 -0.13		2.41	2.40 -0.92	1.73 -0.89	3.43 -0.08	3.69	3.50	3.31	18
19	3.29 -0.58	2.10	2.82	2.49 0.18		2.53	2.31 -0.81	2.30 -0.65	3.53 -0.30	3.83 -0.42	3.57	2.95	19
20	2.92 -0.48	2.07 -0.82	2.91 0.13	2.99 -0.12		2.82 -0.89	2.43 -0.48	2.75 -0.12	3.41 -0.41	3.97	3.33	3.06	20
21	2.66	2.34	3.03	3.19 -0.27		2.79	2.52	3.38	3.53 -0.45	3.94	3.09	3.06 0.46	21
22	2.17 -0.52	2.46	2.58	3.38 -0.26		2.78 -0.84	2.46 -0.42	3.26	3.74 -0.42	3.82 -0.23	2.89	3.02 0.20	22
23	2.24	2.42	2.87	3.62		2.80 -0.73	2.69	3.66	3.79 -0.49	3.66 -0.25	2.59	3.11 0.02	23
24	2.11 -0.57	2.78 -0.16	3.17 -0.13	3.83 -0.25		2.74	3.09	3.66 -0.34	3.58 -0.54	3.40 -0.32	2.72	3.36	24
25	2.17	3.31 0.05	3.13	3.70 -0.37		2.68	3.16 -0.67	3.71	3.45 -0.50	3.15 -0.25	3.01	3.18 0.04	25
26	1.91	3.69 -0.07	3.42	3.55 -0.41		2.97	3.52	3.75 -0.53	NR NR	2.77	3.25 0.40	3.18 -0.28	26
27	1.71	3.78 0.33	3.75 -0.11	3.46 0.83		3.00 -0.22	3.47 -0.71	3.55 -0.50	NR NR	2.70	3.24 0.26	2.84	27
28	1.96	4.22 0.23	3.77 1.57	3.16 -0.37		3.05 -0.41	3.51 -0.75	2.79	NR NR	2.77 -0.15	3.26 -0.04	2.94	28
29	2.46	4.47 2.07	3.66 0.08	2.71 -0.39		3.33	3.19	2.64	NR NR	2.88 0.14	3.39	3.33	29
30	2.94 -0.55	4.54 0.42	3.25 -0.17	NR NR		3.76	2.74	2.37	NR NR	3.07	3.49	2.18 -0.33	30
31	2.88	V. 4 4	2.97	NR NR		0.00 3.18	-0.94	2.21	114	-0.10 3.38	3.45	-0.33	31
MUMIXAM	3.43	NR	4.37	NR.	NR	-0.73 NR	3.52	-0.86 3.75	NR	-0.32 NR	-0.48	3.67	MAXIMUM
MINIMUM	-0.77	NR	-0.31	NR	NR	NR	-0.94	-1.03	NR	NR	-0.49	-0.71	MINIMUM

	LOCATI	ON				AXIMUM DISC		PERIOD	DATUM OF GAGE				
		1/4 SEC. T. 8 R.,		OF RECORD			DISCHARGE	GAGE HEIGHT	PERIOD		ZERO	REF.	
LATITUDE	LONGITUDE		D.8. 8		CFS	GAGE HT.	DATE	UISCHARGE	ONLY	FROM	TO	ON GAGE	DATUM
38 05 15	121 41 08	SE 19	3 N	3Е		5.9	4-6-1958		JUNE 1929-DATE	1929 1940 1959 1959	1940 1959 1964	0.00 0.00 -10.00 -7.11 -10.45 0.00	USED USCGS USCGS USEO USCGS USCGS

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES

WATER YEAR	STATION NUMBER	STATION NAME
1971	B95020	SAN JOAQUIN RIVER AT ANTIOCH

DATE	OCTOSER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	2.76 -0.67	3.11 -1.39	4.36 -0.17	2.81 -1.22	3.14 -0.58	2.54 -1.66	2.85 -1.49	2.51 -1.52	2.26 -1.23	3.04 -0.29	3.46 -0.89	3.60 -1.19	1
2	3.03 -0.56	3.28 0.72	4.15 -0.11	2.86	3.27 -0.82	2.29 -2.00	2.45 -1.56	2.09 -1.54	2.63 -0.61	3.21 -0.61	3.68 -0.93	2.14 -1.02	2
3	3.31 -0.50	3.31 -1.23	3.58 -0.58	2.36 -1.46	3.07 -1.16	2.31 -1.95	2.30 -1.46	2.30 -1.29	2.89 -0.65	3.42 -0.85	3.80 -0.96	3.35 -1.23	3
4	3.27 0.65	3.05 -1.06	3.07 -0.39	2.64 -1.20	3.02 -1.32	2.64	2.12 -1.41	1.64	1.26	3.57 -1.00	2.04	3.36 -1.06	4
5	3.43 -0.72	2.90 -1.14	2.81	2.99 -1.09	3.06 -1.34	2.10 -2.21	2.34	2.28 -0.78	2.99 -1.12	1.91 -1.05	3.71 -1.11	3.40 -0.54	5
6	3.27 -0.66	2.60 -1.20	3.04	3.03 -1.35	3.17 -1.30	2.04 -2.18	2.35 -0.97	2.62	3.15 -1.20	3.82 -1.04	3.72 -1.09	3.22 -0.56	6
7	2.76 -1.08	2.27 -1.17	3.49	3.27 -1.37	3.12 -1.39	2.32 -1.80	2.46	2.96 -0.79	3.43 -1.14	4.02	3.56 -1.09	3.14 -0.80	7
8	2.81 -1.46	2.30 -1.25	3.96 0.09	3.48 -1.28	3.05 -1.32	2.34	2.39 -0.75	2.97 -1.09	3.63 -1.20	3.88 -1.16	3.27 -1.10	3.46 -0.37	8
9	3.04 -1.33	2.66	4.11	3.68 -1.17	2.61 -1.61	2.29 -1.52	2.46 -0.87	2.89 -1.43	3.76 -1.12	3.78 -1.27	2.88	3.62 -0.69	9
10	2.98 -0.93	2.95 -0.89	3.89 -0.73	3.77 -0.97	2.48 -1.50	2.20 -1.43	2.79	3.13 -1.29	3.79 -1.25	3.43 -1.39	2.98	3.60 -0.74	10
13	2.55 -0.85	3.25 -0.96	3.81 -0.85	3.81 -0.84	2.33	2.08 -1.26	2.69 -1.24	3.46 -1.12	3.61 -1.27	3.16 -1.40	3.40 -0.26	3.36 ~0.86	-11
12	2.97 -0.58	3.30 -1.33	3.90 -0.76	3.64 -0.65	2.10 -1.22	2.95 -0.56	2.78 -1.32	3.52 -1.22	3.43 -1.34	2.86 -1.34	3.52 -0.33	3.22	12
13	3.11 -0.40	3.24 -1.53	3.99 -0.75	3.54 -0.76	2.13 -0.90	2.44	3.02 -1.15	3.34 -1.38	3.00 -1.44	2.77 -1.21	3.62 -0.62	3.27 -1.15	13
14	3.35 -0.61	3.24 -1.48	3.69 -0.89	2.98 0.69	2.37	2.22	3.14 -1.21	3.22 -1.46	2.48 -1.63	3.19 -0.79	3.64 -0.80	3.29 -1.00	14
15	3.37 -0.84	3.34 0.63	3.41 1.21	2.57 -0.92	2.56 -0.40	2.19 -1.39	3.14 -1.23	3.06 -1.40	2.60 -1.48	3.48 -0.22	3.62 -0.95	2.51 -0.91	15
16	3.44 -0.97	3.11 -1.41	3.64 -0.61	2.31 -0.97	2.53 -0.50	2.31 -1.34	3.09 -1.12	2.26 -2.05	3.00 -1.00	3.75 -0.48	3.55 -1.05	3.34 -0.63	16
17	3.42 0.41	2.74 -1.45	3.04 -0.48	2.31	2.91 -0.53	2.48 -1.37	3.04 -1.15	1.98 -1.98	3.53 -0.51	3.69 -0.65	2.12	3.49 -0.36	17
18	3.23 -1.06	2.48	2.93 -0.61	2.46	2.49 -1.19	2.45 -1.60	2.27 -1.70	2.40 -1.60	3.63 -0.73	3.84 -1.09	3.51 -1.03	3.30 -0.37	18
19	3.22 -1.20	2.03	2.85	2.69 -0.26	2.74 -1.51	2.42	2.23 -1.45	2.80 -1.23	1.84 -1.29	2.13 -1.06	3.58 -0.76	2.96 -0.48	19
20	2.86 -1.09	2.07 -1.42	2.96 -0.34	2.94	2.61	2.70 -1.47	2.44	3.41 -0.68	3.67 -1.19	3.97 -0.90	3.35 -0.96	3.05 -0.17	20
21	2.60 -1.22	2.36 -1.08	3.50 0.63	3.08 -0.79	2.75 -1.75	2.69 -1.52	2.49 -1.33	1.78	3.77 -1.21	3.95 -0.86	3.08 -0.95	3.05 -0.41	21
22	2.12	2.50 -0.87	3.16 -0.22	3.29 -0.84	3.16 -1.39	2.75 -1.51	2.50 -1.07	3.41 -1.18	3.88	3.81	2.90 -0.87	3.01 -0.59	22
23	2.21	2.45 -0.74	2.92 -0.68	3.55 -0.90	3.16 -1.51	2.84	2.79 -1.12	3.83 -1.02	3.82 -1.25	3.64 -0.93	2.59	3.06 0.43	23
24	2.13	2.83	3.29 -0.87	3.81	3.02 -1.42	2.82 -1.25	3.15 -1.31	3.93 -1.15	3.69 -1.27	3.41 -0.95	2.73 -0.50	3.24 -0.65	24
25	2.23	3.35 -0.50	3.27 -1.12	3.70 -1.09	2.44	2.75 -0.97	3.28 -1.43	3.87 -1.27	3.44 -1.26	3.14 -0.84	3.00 -0.30	3.09 -0.52	25
26	2.06 -1.01	3.68 -0.68	3.63 -1.05	3.55 -1.14	1.85 -1.79	3.10 -0.57	3.65 -1.40	3.83 -1.36	3.06 -1.29	2.73 -0.79	3.20 -0.10	2.99 -0.87	26
27	1.90 -1.37	3.79 -0.36	3.95 -0.98	3.52 -1.11	1.91	3.07 -0.88	3.54 -1.47	3.61 -1.23	2.74 -1.21	2.69 -0.74	3.13 -0.22	2.68 -1.02	27
28	2.10 -1.44	4.32	4.01 -0.79	3.21 -1.10	2.42 -1.28	3.14	3.55 -1.48	2.96 -1.76	2.46 -1.24	2.77 -0.51	3.07 -0.60	2.78 -1.22	28
29	2.59 -1.30	4.53 -0.26	3.88 -1.06	2.77		3.42 -1.02	3.18 -1.62	2.59 -1.57	2.52 -1.02	2.81 -0.23	3.20 -0.78	3.27 -1.31	29
30	3.06 -1.21	4.57 1.69	3.54 0.69	2.56 -1.16		3.78 -0.77	2.65 -1.78	2.32 -1.33	2.79 -0.51	3.02 -0.51	3.37 -0.98	2.73 -0.98	30
31	2.98 -1.40		3.19 -1.19	2.82 -1.01		3.19 -1.42		2.20 -1.46		3.28 -0.76	3.36 -1.09		31
MAXIMUM	3.44	4.57	4.36	3.81	3.27	3.78	3.65	3.93	3.88	4.02	3.80	3.62	MAXIMUM
MINIMUM	-1.46	-1.53	-1.19	-1.46	-1.89	-2.21	-1.78	-2.05	-1.63	-1.40	-1.11	-1.31	MINIMUM

	LOCATI	ON			MAXIMUM DISCHARGE			PERIOD	DATUM OF GAGE				
		1/4 SEC. T. & R., M.D.B. & M		8 R	OF RECORD				GAGE HEIGHT	PERIOD		ZERO ON	REF.
LATITUDE	LONGITUDE				CFS	GAGE HT.	DATE	DISCHARGE	ONLY	FROM	TO	GAGE	DATUM
38 01 04	121 48 06	SW 18	2N	2ε		6.2	12-26-1955		JUNE 1929-DATE	1929 1940 1957 1957 1957	1940 1957 1957	0.00 0.00 -9.71 -9.96 -6.97 -10.11	USED USCGS USCGS USCGS USED USCGS USCGS

TABLE B-12 (CONT.)
DAILY MAXIMUM AND MINIMUM TIDES
(IN FEET)

WATER YEAR	STATION NUMBER	STATION NAME
1971	E03300	SUISUN BAY AT BENICIA

DATE	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FESRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	DATE
1	3.10 -1.64	3.39 -2.62	4.50 -1.68	3.02 -2.58	3.46 -1.66	2.86 -2.98	2.90 -3.06	2.54	2.37	3.03 -0.95	3.38 -1.79	3.55 -2.36	- 1
2	3.35 -1.69	3.51 -2.46	4.18 -2.30	3.08	3.43	2.68 -3.25	2.43 -2.88	2.36	2.58 -1.09	3.14	3.56 -1.94	3.51 -2.31	2
3	3.42 -1.82	3.47 -2.15	3.70 -1.85	2.50 -2.03	3.16 -2.51	2.59 -3.10	2.29 -2.68	2.43 -2.16	2.81	3.33	3.81	3.62 -2.54	3
4	3.36 -1.95	3.29 -2.11	3.13 -2.34	2.87 -2.08	3.14 -2.76	2.71	2.21 -2.55	2.48	3.05 -2.05	3.59 -2.06	3.79 -2.34	2.82 -2.30	4
5	3.45 -1.73	2.98 0.97	2.89	3.20 -2.37	3.19 -2.90	2.25 -3.48	2.36 -2.24	2.81	3.21	3.85	3.92 -2.52	3.67 -1.93	5
6	3.26 0.85	2.70 -2.20	3.14	3.23 -2.83	3.30 -2.94	2.29 -3.45	2.59 -2.24	3.11 -1.64	3.48 -2.57	4.05 -2.35	2.31	3.45 -1.73	6
7	2.87 -2.06	2.59 -2.16	3.59 -1.32	3.45 -3.00	3.32 -3.02	2.45	2.56 -2.07	3.17 -1.93	3.71 -2.66	2.27	3.80 -2.55	3.56 -1.92	7
8	2.91 -2.43	2.70 -2.28	4.03 -1.60	3.69 -2.94	3.25 -2.99	2.55 -2.93	2.18	1.96	2.13 -2.70	4.02 -2.76	3.48 -2.46	3.84 -1.85	8
9	3.13 -2.30	3.09 -1.91	4.16 -2.35	3.95 -2.84	2.86 -3.18	2.53 -2.81	2.65 -2.05	3.08 -2.76	3.84	3.92 -2.89	3.09 -2.27	3.88 -1.92	9
10	3.14 -1.96	3.46 -2.01	3.97 -2.70	4.04	2.77 -2.94	2.46	2.93 -2.33	3.24 -2.76	3.91 -2.90	3.60 -2.99	3.28 -1.92	3.70 0.13	10
- 11	3.09 -1.93	3.72 -2.24	3.98 -2.87	4.17 -2.42	2.62 -2.62	2.40	2.86 -2.63	3.42 -2.73	3.76 -2.87	3.31 -2.82	3.59 -1.22	3.44	1)
12	3.06 -1.84	3.63 -2.78	4.11	3.88 -2.17	2.30 -2.40	3.33 -1.49	2.94 -2.75	3.50 -2.86	3.52 -2.88	3.01 -2.55	3.62 -0.68	3.35 -2.21	12
13	3.39 -1.62	3.67 -3.01	4.16 -2.79	3.73	2.46 -1.87	2.71 -1.82	3.12 -2.62	3.45 -3.03	3.03 -2.95	3.10 -2.24	3.68 -1.57	3.40 -2.23	13
14	3.69 -1.92	3.66 -2.92	3.81 -2.79	3.20 -2.33	2.65 -1.31	2.46 -2.05	3.41 -2.63	3.25 -3.03	2.59 -2.93	3.41 -1.56	3.66 -1.83	3.41 -2.06	14
15	3.74 -2.25	3.62 -2.81	3.54 -2.20	2.78 -2.21	2.71 -1.35	2.42	3.10 -2.77	3.09 -2.92	2.92 -2.52	3.67 -1.33	3.62 -2.07	3.42 -1.95	15
16	3.77 -2.42	3.31 -2.72	3.72 -2.06	2.54 -1.81	2.71 -1.24	2.48	3.04 -2.53	2.34 -3.55	3.34 -1.71	3.81 -1.65	3.63 -2.21	3.41 -1.81	16
17	3.72 -2.43	2.93 -2.65	3.07 -1.94	2.46 -1.20	2.92	2.56 -2.55	3.05 -2.47	2.14 -3.23	3.75 -1.44	3.80 -1.98	3.61 -2.33	2.95	17
18	3.49 -2.43	2.59 -2.47	3.17 -1.53	2.53 -0.78	2.49	2.48 -2.56	2.27 -2.94	2.61	3.76 -1.84	3.91 -2.32	3.65 -2.32	3.26 -1.47	18
19	3.27 -2.16	2.21 0.56	2.85 -1.01	2.67 -0.97	2.57 -2.61	2.44	2.33	3.11 -2.26	3.89 -2.30	4.02 -2.53	2.43 -2.18	3.08 -1.47	19
20	2.93 0.98	2.28 -2.21	2.95 0.63	2.86 -1.58	2.56 -3.05	2.64	2.64 -2.69	3.53 -1.79	3.97 -2.69	4.04	3.45 -2.22	3.17 -1.19	20
21	2.68 -2.21	2.57 -1.72	3.50 -0.16	2.96 -2.11	2.95 -3.24	2.63 -2.80	2.76 -2.80	3.74 -2.14	4.02 -2.90	2.37	3.24	3.21 -1.47	21
22	2.31 -1.72	2.74 -1.38	3.13 -1.19	3.21 -2.48	3.30 -3.00	2.76 -2.93	3.15 -2.42	4.05 -2.61	2.19 -2.99	3.85 -2.52	3.00 -1.95	3.19 -1.68	22
23	2.45	2.69 -1.45	2.97 -1.85	3.53 -2.83	3.47 -3.17	3.03 -2.85	3.44	2.29 -2.73	3.97 -2.95	3.66 -2.44	2.78 -1.74	3.08 -1.72	23
24	2.38 -1.97	3.09 -1.53	3.28 -2.33	3.80 -3.01	3.44 -3.02	3.06 -2.68	2.12 -3.07	4.09	3.88 -2.85	3.45 -2.19	2.92 -1.32	3.26 -1.50	24
25	2.49 -1.91	3.62 -1.51	3.45 -2.75	3.80 -3.29	2.77 -3.50	3.14 -2.15	3.66 -3.19	4.10 -3.09	3.55 -2.76	3.03 -2.13	3.09 -0.99	3.16 -1.75	25
26	2.38 -1.86	3.70 -1.88	3.84 -2.82	3.74 -3.30	2.32 -3.32	3.56 -1.88	4.04 -3.15	3.99 -3.09	3.17 -2.56	2.63 -1.93	3.22 -1.17	2.92 1.05	26
27	2.33 -2.27	4.05 -1.35	4.14 -2.87	3.79 -3.23	2.34	3.35 -2.38	3.86 -3.31	3.81 -2.88	2.86	2.75 -1.56	3.02 0.16	2.65 -1.91	27
28	2.50 -2.44	4.63 -1.74	4.24	3.52 -3.03	2.85 -2.64	3.44	3.69 -3.18	3.21 -3.21	2.59 -2.17	2.78	2.90 -1.45	2.75 -2.11	28
29	2.99 -2.34	4.83 -1.77	4.16 -3.06	3.06 -2.89		3.68 -2.71	3.25 -3.18	2.76 -2.83	2.67 -1.63	2.79	3.02 -1.67	3.30 -2.28	29
30	3.42 -2.31	4.82 -1.81	3.78 -3.14	2.97 -2.43		3.85 -2.56	2.79 -3.14	2.38	2.82	2.90 -1.33	3.26 -1.90	2.87 -2.05	30
31	3.29 -2.58		3.41 -3.05	3.19 -1.56		3.27 -3.21		2.30 -2.29		3.14 -1.50	3.32		31
MUMIXAM	3.77	4.83	4.50	4.17	3 . 47	3.85	4.04	4.10	4.02	4.05	3.92	3.88	MAXIMUM
MINIMUM	-2.58	-3.01	-3.14	-3.30	-3.50	-3.48	-3.31	-3.55	-2,99	-2.99	-2.55	-2.54	MINIMUM

	LOCATI	DN			N	AXIMUM DISC		PERIOD		DATUM OF GAGE			
		1/4 5	EC. T.	a R.		OF RECO	RD	DISCHARGE	GAGE HEIG	нт	PERIOD	ZERO	REF.
LATITUDE	LONGITUDE		D. 8. 8		CFS	GAGE HT	DATE	DISCHARGE	ONLY	FRO	M TO	ON GAGE	DATUM
38 02 27	122 08 04	SW 6	2N	2₩		5.7	4-6-1958		JUNE 29-APR APR 40-DAT		1940 1942	-2.21 -5.00 0.00	USCGS USCGS USCGS

Station located on channel side of wharf (formerly located on inshore side of wharf) immediately southeast of Benicia. Period of record intermittent from 1929 to 1940.

TABLE B-13 CONTENT OF RESERVOIRS (IN ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME
1971	A55527	FRENCHMAN LAKE NEAR CHILCOOT

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	41,038	40,619	42,030	43,159	45,708	48,202	54,941	57,103	57,555	55,445	52,908	47,539	1
2	41,025 41,012	40,619 40,619	42,190 42,230	43,186 43,199	45,792 45,863	48,260 48,318	55,303 55,682	57,184 57,426 E	57,539 57,555	55,350 55,287	52,755	47,453	2
3	40,986	40,619	42,257	43,226	45,947	48,405	56,047	57,420 5	57,555	55,240	52,587 52,404	47,352 47,266	3
5	40,973	40,868	42,284	43,240	46,017	48,448	56,366	57,490	57,539	55,177	52,236	47,200	4 5
3	40,773	40,000	42,207	40,240	40,027	40,440	30,300	37,470	37,333	33,177	32,230	1 47,130	,
6	40,946	40,907	42,324	43,267	46,074	48,492	56,622	57,490	57,458	55,114	52,069	46,995	ا ه
7	40,907	40,920	42,364	43,294	46,158	48,550	56,814	57,604	57,377	55,067	51,902	46,852	1 7
	40,881	NR	42,404	43,308	46,215	48,594	56,942	57,830	57,329	55,051	51,751	46,696	
9	40,881	NR	42,445	43,335	46,285	48,652	57,023	57,879	57,248	55,035	51,585	46,625	,
10	40,855	41,196	42,458	43,376	46,342	48,695	57,152	57,879	57,168	55,004	51,464	46,526	10
11	40,841	41,275	42,485	43,416	46,469	48,768	57,184	58,074	56,975	55,004	51,329	46,427	11
12	40,828	41,314	42,512	43,539	46,568	49,060	57,200	58,107	56,910	54,988	51,239	46,356	12
13	40,802	41,328	42,525	43,648	46,710	49,148	57,216	58,123	56,862	54,988	51,134	46,285	13
14	40,776	41,328	42,538	43,716	46,852	49,221	57,264	58,074	56,798	54,925	51,044	46,215	14
15	40,763	41,328	42,632	43,730	46,995	49,309	57,297	57,993	56,750	54,862	50,939	46,172	15
16	40.750	41,328	42,740	43,757	47,152	49,412	57,313	57,830	56,702	54,800	50,730	46,130	16
17	40,724	41,354	42,780	43,866	47,266	49,471	57,377	57,652	56,654	54,831	50,506	46,102	17
18	40,724	41,354	42,807	44,154	47,381	49,559	57,329	57,507	56,606	54,800	50,254	46,060	18
19	40,698	41,341	42,807	44,415	47,453	49,603	57,232	57,329	56,574	54,737	49,972	46,031	19
20	40,711	41,341	42,848	44,636	47,567	49,736	57,168	57,377	56,526	54,690	49,648	45,989	20
21	40,698	41,341	42,875	44,788	47,654	49,869	57,103	57,377	56,462	54,659	49,339	45,947	21
22	40,671	41,354	42,888	44,913	47,740	50,061	56,975	57,410	56,318	54,596	49,016	45,933	22
23	40,711	41,367	42,902	45,024	47,812	50,536	56,878	57,393	56,191	54,502	48,783	45,905	23
24	40,698	41,420	42,915	45,108	47,884	50,939	56,830	57,345	56,047	54,393	48,623	45,891	24
25	40,685	41,632	42,915	45,191	47,970	51,359	56,878	57,264	55,920	54,237	48,463	45,863	25
26	40,671	41,645	42,969	45,261	48,028	52,312	56,926	57,281	55,888	54,035	48,289	45,849	26
27	40,645	41,658	42,996	45,331	48,086	52,770	56,926	57,232	55,777	53,818	48,144	45,820	27
28	40,645	41,791	43,037	45,400	48,158	53,215	56,894	57,281 E	55,651	53,632	47,985	45,778	28
29	40,632	41,831	43,077	45,470	,	53,663	56,910	57,345 E	55,571	53,462	47,812	45,806	29
30	40,632	41,937	43,091	45,540		54,159	56,975	57,410 E	55,524	53,246	47,697	45,806	30
31	40,632	,,,,,	43,118	45,624		54,580		57,458 E	,	53,077	47,596	,	31
CHNG	-419	+1,305	+1,181	+2,506	+2,534	+6,422	+2,395	+483	-1,934	-2,447	-5,481	-1,790	CHNG
MAX.	41,038	41,937	43,118	45,624	48,158	54,580	57,377	58,123	57,555	55,445	52,908	47,539	MAX
MIN.	40,632	40,619	42,030	43,159	45,708	48,202	54,941	57,103	55,524	53,077	47,596	45,778	MIN.
	,	1 ,,,,,	,	,	,,,,,,,	,	,,,,,	,	,	, , , , , ,	,	1 ,,,,,	

WATER YEAR SUMMARY

E - ESTIMATED NR - NO RECORD

	MAXIMU	M		$\overline{}$		_
CONTENT	GAGE HT.	MO.	DAY	TIME	П	Г
58,123		5	13	2400	П	
(ı				◟

	MINIM	U M		
CONTENT	GAGE HT.	MO.	DAY	TIME
40,619		11	1	2400
<u></u>	1	L	l	L

	LOCATIO	N	M.	XIMUM DISCH	ARGE	PERIOD C	F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			INFLOW	CONTENT	PERIOD		ZERO	REF.
EATTIONE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	GAGE	DATUM
39 53 36	120 11 17	NE 33 24N 16E			-		JAN 1962-DATE	1962		5500.00	USCGS

Station located at toe of Frenchman Dam on Little Last Chance Creek, 7.1 miles north of Chilcoot.

Frenchman Dam was completed in October 1961 and storage began in November 1961. The lake has a usable capacity of 53,582 acre-feet between elevations 5517 feet (invert of intake) and 5588 feet (crest of spillway). Not available for release, 1,835 acre-feet.

Daily content given is shown at 2400 hours.

Drainage area is 81.1 square miles.

TABLE B-13 (Cont.) CONTENT OF RESERVOIRS (IN ACRE-FEET)

WA	TER YEAR	STATION NO.	STATION NAME
	1971	A55383	LAKE DAVIS NEAR PORTOLA

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	72,792	71,497	74,271 E	77,099	71,570	72,161	78,332	81,262	84,130	83,568	82,093	78,797	1
2	72,718	71,497	74,667 E	77,099	71,166	72,124	78,641	81,499	83,969	83,528	81,974	78,719	2
3	72,718	71,386	75,063 E	77,099	70,762	72,124	78,991	81,776	83,768	83,448	81,816	78,603	3
4	72,681	71.497	75,459	77,099	70,579	72,273	79,341	82,133	83,648	83,408	81,736	78,525	4
5	72,606	71,903	75,497	77,060	70,652	72,235	79,770	82,252	83,568	83,328	81,618	78,409	5
6 7 8 9 10	72,569 72,458 72,421 72,421 72,347	72,124 72,124 72,124 72,273 72,235	75,383 75,573 75,648 75,686 75,724	77,060 77,060 77,099 77,060 77,060	70,689 70,689 70,725 70,725 70,799	72,273 72,273 72,310 72,310 72,310	80,279 80,671 81,789 81,183 81,539	82,212 82,490 82,650 82,809 82,849	83,448 83,368 83,288 83,208 83,208	83,288 83,248 83,128 83,048 82,928	81,499 81,420 81,302 81,223 81,065	78,293 78,177 78,100 78,022 77,945	6 7 8 9
11	72,310	72,421	75,724	77,406	70,835	72,347	81,697	83,128	83,168	82,889	81,026	77,907	11
12	72,273	72,532	75,724	77,830	70,909	73,314	81,895	83,248	83,288	82,809	80,947	77,830	12
13	72,198	72,532	75,724	78,216	71,019	73,314	82,014	83,368	83,328	82,769	80,789	77,791	13
14	72,124	72,495	75,762	78,448	71,166	73,314	82,133	83,368	83,368	82,928	80,671	77,752	14
15	72,124	72,458	75,991	78,138	71,166	73,389	82,252	83,368	83,408	82,849	80,554	77,675	15
16	72,050	72,421	76,372	77,714	71,276	73,501	82,530	83,288	83,448	82,769	80,436	77,637	16
17	71,976	72,384	76,372	77,445	71,386	73,463	82,689	83,048	83,448	83,008	80,357	77,445	17
18	71,939	72,384	76,448	77,060	71,386	73,538	82,490	82,889	83,488	83,008	80,240	77,368	18
19	71,866	72,384	76,448	76,677	71,607	73,501	82,331	82,729	83,448	82,928	80,161	77,291	19
20	71,976	72,310	76,563	76,334	71,644	73,576	82,331	83,088	83,488	83,008	80,005	77,176	20
21	71,866	72,273	76,639	75,991	71,718	73,613	82,133	83,128	83,488	82,968	79,848	77,099	21
22	71,903	72,273	76,601	75,611	71,792	73,538	81,855	83,248	83,448	82,889	79,770	77,060	22
23	72,087	72,235	76,677	75,194	71,792	74,175	81,657	83,208	83,368	82,809	79,653	77,022	23
24	72,050	72,495	76,601	74,816	71,866	74,439	81,420	83,288	83,368	82,729	79,614	76,907	24
25	72,050	73,016	76,677	74,401	71,829	75,080	81,302	83,288	83,288	82,650	79,536	76,792	25
26 27 28 29 30 31	71,939 71,903 71,866 71,829 71,792 71,792	73,053 73,090 73,501 73,688 73,875	76,639 76,716 76,792 76,984 76,945 76,945	74,025 73,613 73,202 72,792 72,384 71,976	71,903 71,976 72,124	76,067 76,448 76,831 77,214 77,714 78,061	81,183 81,104 81,065 81,104 81,223	83,488 83,688 83,809 83,929 84,331 84,250	83,648 83,688 83,688 83,608 83,608	82,570 82,530 82,411 82,331 82,252 82,172	79,458 79,380 79,302 79,146 79,030 78,913	76,831 76,754 76,639 76,792 76,754	26 27 28 29 30 31
CHNG	-1,037	+2,083	+3,070	-4,969	+148	+5,937	+3,162	+3,027	-642	-1,436	-3,259	-2,159	CHNC
MAX.	72,792	73,875	76,984	78,448	72,124	78,061	82,689	84,331	84,130	83,568	82,093	78,797	MAX
MIN.	71,792	71,386	74,271	71,976	70,579	72,124	78,332	81,262	83,168	82,172	78,913	76,639	MIN.

E - ESTIMATED NR - NO RECORD

$\overline{}$	MAXIM	JM		MINIMUM							
CONTENT 84,331	GAGE HT.			CONTENT 70,579	GAGE HT.	MO. 2		TIM 240			

	LOCATION	N	MA	XIMUM DISCHA	ARGE	PERIOD O	F RECORD	DATUM OF GAGE			
LATITUDE L	LONGITUDE	1/4 SEC. T. & R.	OF RECORD				PERIOD		ZERO	REF.	
	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	GAGE	DATUM
39 53 03	120 38 31	SW 1 23N 13E					DEC 1966-DATE	1966		5700.00	USCGS

Station located near left abutment of Grizzly Valley Dam on Big Grizzly Creek, 5.3 miles north of Portola. Grizzly Valley Dam, creating Lake Davia, was completed in September 1967; however, atorage by the contractor in order to test the outlet works, began on October 18, 1966. The lake has a usable capacity of 84,043 acre-feet between elevations 5700 feet (top of low-level intake) and 5775 feet (creat of spillway). Not available for release 108 acre-feet. Daily content given is shown at 2400 hours. Drainage area is 44.0 square miles.

TABLE B-13 (Cont.) CONTENT OF RESERVOIRS (IN ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME
1971	A54473	ANTELOPE LAKE NEAR BOULDER CREEK GUARD STATION

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1 2 3 4 5	20,630 20,613 20,595 20,568 20,542	20,234 20,225 20,225 20,225 20,216 20,348	21,500 21,627 21,718 21,773 21,819	22,809 22,790 22,790 22,771 22,771	23,081 E 23,081 E 23,072 E 23,072 E 23,072 E	22,987 22,968 22,978 22,978 22,968	23,565 E 23,584 E 23,594 E 23,613 E 23,632 E	23,890 23,977 24,083 24,354 24,315	24,093 24,066 23,987 23,967 23,958	23,223 23,195 23,147 23,128 23,110	17,108 16,849 16,591 16,306 16,076	9,022 8,773 E 8,524 E 8,275 E 8,026 E	1 2 3 4 3
6	20,515	20,401	21,873	22,771	23,072 E	22,959	23,651 E	24,228	23,919	22,950	15,803	7,777 E	6
7	20,489	20,427	21,956	22,771	23,062 E	22,950	23,660 E	24,247	23,910	22,743	15,548	7,528	7
8	20,462	20,445	22,048	22,771	23,053 E	22,950	23,680 E	24,286	23,910	22,538	15,281	7,286 E	8
9	20,454	20,515	22,121	22,771	23,034 E	22,950	23,766	24,257	23,881	22,352	15,023	7,044 E	9
10	20,436	20,551	22,195	22,770	23,053 E	22,950	23,823	24,306	23,842	22,140	14,768	6,803 E	10
11	20,418	20,604	22,223	22,837	23,072 E	22,987	23,756	24,325	23,804	21,938	14,495	6,561 E	11
12	20,401	20,648	22,260	22,865	23,091 E	23,223	23,727	24,393	23,756	21,727	14,231	6,319 E	12
13	20,366	20,657	22,287	22,931	23,100 E	23,204	23,737	24,393	23,708	21,509	13,957	6,077	13
14	20,348	20,666	22,324	22,912	23,110 E	23,157	23,756	24,383	23,660	21,292	13,686	5,811 E	14
15	20,330	20,675	22,399	22,884	23,119 E	23,119	23,814	24,384	23,622	21,067	13,424	5,545 E	15
16	20,313	20,675	22,491	22,874	23,128 E	23,110	23,890	24,306	23,565	20,835	13,153	5,279	16
17	20,295	20,675	22,538	22,921	23,119 E	23,072	23,910	24,180	23,527	20,630	12,891	5,039 E	17
18	20,287	20,666	22,557	23,147	23,110	23,053	23,804	24,102	23,460	20,436	12,633	4,798 E	18
19	20,260	20,666	22,585	23,261	23,091	23,034	23,747	24,073	23,422	20,234	12,359	4,558 E	19
20	20,269	20,666	22,622	23,280	23,062	23,053	23,727	24,141	23,394	20,024	12,120	4,318 E	20
21	20,278	20,657	22,659	23,242	23,044	23,081	23,680	24,102	23,346	19,816	11,840 E	4,078 E	21
22	20,278	20,675	22,678	23,195	23,053	23,138	23,632	24,064	23,308	19,592	11,564 E	3,838 E	22
23	20,330	20,684	22,687	23,157	23,044	23,365	23,575	24,064	23,289	19,344	11,293 E	3,597 E	23
24	20,330	20,719	22,696	23,110	23,034	23,460	23,546	24,073	23,242	19,106	11,019 E	3,357	24
25	20,330	21,013	22,706	23,081	23,006	23,555	23,536	24,083	23,232	18,870	10,756 E	3,152 E	25
26 27 28 29 30 31	20,313 20,295 20,287 20,278 20,260 20,251	21,112 21,166 21,283 21,337 21,427	22,725 22,743 22,771 22,799 22,790 22,790	23,081 23,081 23,081 23,081 23,081 23,081	22,997 22,997 22,997	23,852 23,737 23,641 23,594 23,584 23,555	23,575 23,584 23,641 23,727 23,814	24,102 24,122 24,238 24,247 24,257 24,160	23,460 23,451 23,375 23,308 23,261	18,619 18,370 18,090 17,870 17,619 17,371	10,491 E 10,236 E 9,985 E 9,738 E 9,496 E 9,257 E	2,946 E 2,741 E 2,536 E 2,330 E 2,125	26 27 28 29 30 21
CHNG	-406	+1,176	+1,363	+291	-84	+558	+259	+346	-899	-5,890	-8,114	-7,132	CHNG
MAX.	20,630	21,427	22,799	23,280	23,128 E	23,852	23,910	24,393	24,093	23,223	17,108	9,022	MAX
MIN.	20,251	20,216	21,500	22,771	22,997	22,950	23,536	23,890	23,232	17,371	9,257	2,125	MIN.

WATER YEAR SUMMARY

E - ESTIMATED NR - NO RECORD

	MAXIMU	M				MINIMI	JM		
CONTENT	GAGE HT.	MO.	DAY	TIME	CONTENT	GAGE HT.	MO.	DAY	TIME
24,393		5	12	2400	2,125		9	30	

	LOCATION			MAXIMUM DISCHARGE			F RECORD	DATUM OF GAGE			
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD					PERIOD		ZERO	REF.
LATITUDE	M.D.S.&M. CFS GAGE HT. DATE		DATE	INFLOW	CONTENT	FROM	TO	GAGE	DATUM		
40 10 42	120 36 20	SE 22 27N 12E					JAN 1964-DATE	1964		4900.00	USCGS

Station located at toe of Antelope Dam on Indian Creek, 1.3 miles south of Boulder Creek Guard Station, 12 miles northeast of Genesee.

Antelope Dam was completed in July 1964; however, usable storage began on November 25, 1963. The lake has a usable capacity of 22,239 acrefeet between elevations 4950 feet (lip of intake tower) and 5002 feet (crest of spillway).

Daily content given is shown at 2400 hours.

Drainage area is 68.6 square miles.

TABLE B-13 (Cont.) CONTENT OF RESERVOIRS (IN THOUSANDS OF ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME
1971	A51141	LAKE OROVILLE NEAR OROVILLE

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	2,531.8	2,468.0	2,666.1	2,795.6	2,816.7	3,101.7	3,240.9	3,272.4	3,531.9	3,510.9	3,352.4	3,020.6 E	1
2	2,522.0	2.465.7	2,682.0	2,793.9	2,827.6	3,108.6	3,233.2	3,290.2	3,533.0	3,505.8	3,340.3	3,009.7	2
3	2,523.5	2.462.4	2,695.4	2,791.9	2,838.0	3,115.8	3,240.9	3,292.1	3,527.8	3,503.2	3,328.9	2,997.2	3
4	2,525.1	2,460.8	2,722.9	2,789.9	2,847.4	3,123.3	3,260.0	3,297.6	3,520.1	3,507.0	3,318.6	2,988.2	4
5	2,516.1	2,466.6	2,733.0	2,786.9	2,856.5	3,128.7	3,265.8	3,298.6	3,511.7	3,510.5	3,309.6	2,992.7	5
6 7 8 9	2,508.2 2,500.4 2,491.9 2,483.3 2,484.7	2,471.5 2,483.5 2,493.1 2,499.4 2,507.0	2,742.4 2,747.0 2,754.4 2,765.9 2,773.0	2,784.5 2,784.4 2,784.4 2,785.6 2,794.4	2,868.9 2,881.8 2,889.9 2,897.7 2,904.2	3,139.7 3,151.2 3,151.6 3,151.7 3,148.7	3,270.7 3,273.1 3,272.2 3,271.0 3,279.7	3,299.4 3,299.5 3,311.7 3,333.9 3,339.7	3,512.5 3,511.6 3,509.5 3,507.0 3,503.6	3,506.7 3,502.8 3,498.8 3,494.6 3,495.4	3,300.7 3,294.3 3,290.6 3,282.9 3,274.2	2,980.1 2,962.0 2,942.8 2,924.5 2,897.7	6 7 8 9
11	2,486.3	2,519.7	2,772.7	2,797.9	2,911.3	3,140.3	3,294.0	3,348.8	3,500.4	3,503.4	3,265.1	2,882.8	11
12	2,478.7	2,525.5	2,772.4	2,795.2	2,919.2	3,165.2	3,293.2	3,357.5	3,501.4	3,498.8	3,251.9	2,877.1	12
13	2,471.7	2,528.7	2,776.2	2,790.3	2,933.8	3,184.5	3,283.2	3,368.4	3,506.4	3,493.2	3,238.0	2,859.1	13
14	2,465.3	2,538.3	2,772.2	2,790.1	2,948.6	3,190.5	3,280.6	3,379.9	3,501.0	3,487.4	3,232.2	2,842.0	14
15	2,460.3	2,547.1	2,768.6	2,788.1	2,962.5	3,188.0	3,279.4	3,398.4	3,495.7	3,479.3	3,231.0	2,823.7	15
16	2,456.6	2,549.0	2,767.1	2,788.8	2,970.9	3,178.7	3,280.2	3,423.4	3,495.1	3,469.1	3,221.2	2,809.3	16
17	2,462.4	2,549.6	2,764.1	2,802.9	2,979.6	3,168.2	3,294.0	3,428.2	3,494.6	3,464.5	3,208.6	2,795.8	17
18	2,468.8	2,550.0	2,760.7	2,806.2	2,988.5	3,156.0	3,303.3	3,431.9	3,494.0	3,463.5	3,196.6	2,792.3	18
19	2,463.0	2,551.6	2,765.0	2,805.4	2,999.2	3,145.8	3,297.4	3,433.9	3,500.7	3,455.0	3,182.6	2,792.3	19
20	2,460.9	2,552.7	2,778.0	2,795.2	3,013.3	3,140.3	3,290.2	3,437.0	3,515.7	3,446.3	3,168.7	2,783.1	20
21	2,458.6	2,561.0	2,787.1	2,784.4	3,026.0	3,143.5	3,281.7	3,442.7	3,517.7	3,437.6	3,157.1	2,771.9	21
22	2,455.5	2,569.2	2,787.7	2,783.7	3,034.3	3,138.8	3,273.9	3,455.6	3,518.8	3,428.6	3,146.9	2,760.7	22
23	2,453.1	2,569.0	2,785.5	2,780.3	3,042.4	3,146.9	3,268.5	3,475.5	3,518.3	3,419.5	3,134.9	2,751.2	22
24	2,461.9	2,567.8	2,782.3	2,779.3	3,051.5	3,157.1	3,271.0	3,482.7	3,516.3	3,412.9	3,120.6	2,741.7	24
25	2,469.3	2,576.5	2,781.6	2,777.5	3,057.9	3,175.4	3,284.2	3,491.2	3,511.7	3,409.5	3,106.0	2,739.5	25
26 27 28 29 30 31	2,465.8 2,463.3 2,460.5 2,457.7 2,454.8 2,461.2	2,593.3 2,599.1 2,621.3 2,643.0 2,655.7	2,782.0 2,783.9 2,785.5 2,792.6 2,795.2 2,795.5	2,776.7 2,777.2 2,778.3 2,782.3 2,791.8 2,806.1	3,067.2 3,080.7 3,091.5	3,250.3 3,276.0 3,279.9 3,269.7 3,257.2 3,247.3	3,280.3 3,275.8 3,271.2 3,268.0 3,265.5	3,498.8 3,504.2 3,505.8 3,505.6 3,515.5 E 3,525.0 E	3,515.3 3,527.5 3,523.8 3,515.0 3,513.9	3,401.7 3,385.9 3,375.5 3,368.9 3,357.9 3,352.6	3,091.9 3,077.7 3,066.9 3,061.9 3,049.6 3,034.9	2,747.4 2,742.0 2,735.4 2,730.6 2,730.4	26 27 28 29 30 31
CHNG	-80.6	+194.5	+139.8	+10.6	+285.4	+155.8	+18.2	+259.5	-11.0	-161.3	-317.7	-304.5	CHNG
MAX.	2,531.8	2,655.7	2,795.5	2,806.2	3,091.5	3,279.9	3,303.3	3,525.0 E	3,533.0	3,510.9	3,352.4	3,020.6 E	MAX.
MIN.	2,453.1	2,460.8	2,666.1	2,776.7	2,816.7	3,101.7	3,233.2	3,272.4	3,494.0	3,352.6	3,034.9	2,730.4	MIN.
		-	I	l			WATE	R YEAR SUMMA	RY	L	l	1	

E - ESTIMATED NR - NO RECORD

	MAXIMU	M			
CONTENT	GAGE HT.	MO.	DAY	TIME	С
3,533.0	899.71	6	2	2400	2

	MINIM			
CONTENT	GAGE HT.	MO.	DAY	TIME
2,453.1	822.26	10	23	2400

	LOCATIO	ч	M.	AXIMUM DISCH	ARGE	PERIOD (F RECORD		DATU	M OF GAGE	AGE	
LATITUDE	LONGITUDE	1/4 SEC. T. & R.	OF RECORD			T		PERIOD		ZERO	REF.	
LAIITODE		M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	ON GAGE	DATUM	
39 32 05	121 28 25	SW 1 19N 4E					Nov 1967-DATE	1967		0.47	USCGS	

Recorder located near intake atructure at left end of Oroville Dam, on the Feather River, 4 miles northeast of Oroville. Lake Oroville has a normal gross storage capacity of 3,538,000 acre-feet at the normal maximum water surface elevation of 900 feet. The active operating storage capacity is 2,686,000 acre-feet above the elevation 640 feet (minimum power pool). Drainage area is 3,611 square miles. Storage began November 14, 1967.

TABLE B-13 (Cont.) CONTENT OF RESERVOIRS (IN THOUSANDS OF ACRE-FEET)

WATER YEAR	STATION NO.	STATION NAME	
1971	A65105	CAMP FAR WEST RESERVOIR NEAR SHERIDAN	

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	38.9 E	36.7 E	93.0 E	104.2	106.6	105.1	107.0	106.4	106.1	105.7	93.7	81.1	1
2	38.6 E	36.7 E	104.4	104.0	106.4	105.1	107.0	106.4	105.9	105.5	93.1	80.9	2
3	38.3 E	36.9 E	108.7	103.8	106.4	105.1	107.0	106.4	105.9	105.5	92.6	80.6	3
4	37.9 E	37.0 E	112.9	103.6	106.4	105.1	107.0	106.4	105.9	105.7	92.0	80.6	4
5	37.7 E	37.7 E	109.2	103.5	106.1	105.1	106.8	106.4	105.9	105.7	91.6	80.3	5
6	37.5 E	38.8 E	107.7	105.5	106.1	105.3	106.8	106.4	105.9	105.7	91.1	80.1	6
7	37.4 E	40.6 E	106.6	105.5	106.1	105.3	106.8	106.1	105.9	105.7	90.9	80.0	7
8	37.3 E	42.7 E	106.4	105.3	106.1	105.3	106.6	106.6	105.9	105.7	90.3	79.8	8
9	37.1 E	44.7 E	104.4	105.3	106.1	106.1	106.6	106.4	105.7	105.7	89.9	79.6	9
10	37.0 E	46.0 E	104.8	105.3	105.9	106.1	107.0	106.4	105.7	105.3	89.5	79.6	10
11	36.9 E	47.3 E	106.6	106.6	105.9	106.1	107.0	106.1	105.7	104.8	89.0	79.5	11
12	36.7 E	48.4	106.4	107.2	106.1	107.9	106.6	106.1	105.7	104.4	88.6	79.5	12
13	36.7 E	49.5	106.4	107.4	106.1	108.3	106.4	106.1	105.9	104.0	88.0	79.5	13
14	36.7 E	50.4	106.1	107.4	106.1	107.7	106.4	105.9	105.9	103.6	87.5	79.5	14
15	36.7 E	51.2	104.2	107.0	106.1	107.4	106.6	106.1	105.7	103.3	87.1	79.8	15
16	36.7 E	52.2	105.3	106.8	106.1	107.0	106.6	106.1	105.7	102.9	86.7	80.3	16
17	36.7 E	52.4	105.5	107.0	106.1	106.8	106.8	106.1	105.7	102.3	86.4	80.6	17
18	36.7 E	52.5	105.1	107.7	106.1	106.8	106.6	106.1	105.7	102.0	86.0	80.8	18
19	36.7 E	52.6	104.6	107.9	106.1	106.8	106.6	106.1	105.7	101.6	85.4	81.4	19
20	36.7 E	52.7	104.6	107.4	105.9	106.8	106.6	105.9	105.7	101.0	85.1	81.6	20
21	36.7 E	52.7	105.3	107.2	105.7	106.8	106.6	106.1	105.7	100.6	84,8	81.6	21
22	36.7 E	52.9	104.8	107.0	105.7	106.8	106.6	106.1	105.7	100.1	84.5	81.4	22
23	36.7 E	53.0	104.6	107.0	105.7	107.0	106.6	105.9	105.7	99.7	84.2	81.3	23
24	36.7 E	53.1	104.4	107.0	105.7	107.2	106.6	105.9	105.5	99.3	83.7	81.1	24
25	36.7 E	55.6	103.8	106.8	105.7	109.4	106.6	105.9	105.5	99.1	83.5	81.1	25
26	36.7 E	59.6	103.6	106.6	105.5	112.6	105.9	105.9	105.3	98.4	83.2	80.9	26
27	36.7 E	62.5 E	103.6	106.6	105.3	109.6	105.5	105.9	105.5	97.6	82.9	80.8	27
28	36.7 E	64.2 E	103.8	106.6	105.3	108.3	106.1	105.9	105.3	96.9	82.5	80.8	28
29	36.7 E	67.5 E	105.7	106.6		107.9	106.1	105.9	105.5	96.1	82.1	80.6	29
30	36.7 E	83.0 E	105.3	106.6	l	107.4	106.4	105.9	105.7	95.4	81.7	80.6	30
31	36.7 E		104.6	106.6		107.2		105.9		94.2	81.4		31
CHNG	-2.4 E	+46.3 E	+13.8 E	-0.2	-1.3	+1.9	-0.8	-0.5	-0.2	-11.5	-12.8	-0.8	CHNG
MAX.	38.9 E	83.0 E	112.9	107.9	106.6	112.6	107.0	106.6	106.1	105.7	93.7	81.6	MAX
MIN.	36.7 E	36.7 E	93.0 E	103.5	105.3	105.1	105.5	105.9	105.3	94.2	81.4	79.5	MIN.
									ł	{			

E - ESTIMATED NR - NO RECORD

	MAXIMU	M				MINIM	JM		
CONTENT	GAGE HT.	MO.	DAY	TIME	CONTENT	GAGE HT.	MO.	DAY	TIME
117.6	306.1	12	4	1300	NR				

	LOCATIO	N	M	AXIMUM DISCHA	ARGE	PERIOD C	DATUM OF GAGE				
LATITUDE	LONGITUDE	ONCITUDE 1/4 SEC. T. & R.		OF RECORD				PERIOD		ZERO	REF.
CATTIONE	LONGITODE	M.D.B.&M.	CFS	GAGE NT.	DATE	INFLOW	CONTENT	FROM	TO	ON GAGE	DATUM
39 03 00	121 18 53	SW 21 14N 6E					MAR 1966-DATE	1966		0.00	USCGS

Station located near left abutment of Camp Far West Dam on the Bear River 6.4 miles east of Wheatland and 11.8 miles northwest of Sheridan. Camp Far West Reservoir, owned and operated by the South Sutter Irrigation District, began storage September 30, 1963. Station was installed March 1966, jointly by the South Sutter Irrigation District and the Department of Water Resources. The lake has a usable capacity of 139,600 acre-feet between the elevation 175.00 feet and 316.3 feet (top of spillway gate). Drainage area is 283 square miles. Daily content given is shown at 2400 hours.

TABLE B-14

DAILY INFLOW

This table presents the daily inflow rates to Folsom, Shasta, and Whiskeytown Lakes. The daily inflow rates were computed from information about changes in storage, releases, spills, precipitation, and evaporation. The computed values represent the flow at each damsite if the dam did not exist.

TABLE B-14 (Cont.)

DAILY INFLOW

(IN CUBIC FEET PER SECOND)

WATER YEAR	TATION NO.	STATION NAME
1971	A21051	SHASTA LAKE NEAR REDDING

DAY	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	4,640	2,900	23,290	12,060	10,800	6,150	20,940	11,920	10,180	6,630	1,790	5,890	1
2	3,210	4,190	21,320	11,300	11,620	5,980	18,330	11,860	9,110	5,510	4,520	6,830	2
3	2,070	3,960	27,650	9,210	10,670	5,920	15,900	12,930	8,860	5,310	7,690	5,040	3
4	1,340	8,740	25,330	8,400	10,880	5,930	16,730	13,270	10,010	5,650	6,830	550	4
5	4,760	12,690	19,630	7,360	10,890	6,490	15,650	12,580	9,850	5,020	5,840	140	5
6 7 8 9 10	4,130 4,740 4,710 5,390 5,400	11,890 7,350 9,180 18,080 9,700	19,510 26,860 30,200 26,120 21,070	6,590 6,290 8,580 7,790 9,540	10,580 9,980 10,500 8,670 9,080	6,590 6,510 7,810 9,950 9,880	15,850 15,010 14,520 18,610 17,680	13,090 12,990 14,300 13,660 13,560	10,190 10,560 10,900 10,790 10,570	5,830 5,690 5,020 6,150 5,060	5,210 950 370 3,220 4,140	1,640 4,980 5,310 4,470 5,360	6 7 8 9
11	4,820	11,050	17,150	9,860	9,140	14,590	15,740	14,310	10,190	5,200	2,840	4,250	11
12	4,100	8,120	15,410	10,080	9,660	23,230	15,090	14,020	9,760	5,630	3,940	5,140	12
13	3,880	7,910	13,170	8,670	10,220	14,960	14,490	13,580	9,380	5,200	3,780	4,320	13
14	4,400	6,960	12,300	11,220	11,060	14,920	13,650	13,220	9,340	6,120	3,030	3,430	14
15	3,610	7,190	14,060	33,670	10,660	14,850	13,820	12,570	8,500	4,430	1,020	1,900	15
16	3,290	7,900	16,010	46,880	10,040	13,620	13,600	12,370	6,490	4,690	4,380	3,070	16
17	3,100	7,940	12,880	38,860	9,700	13,300	13,490	11,790	7,640	2,370	5,570	3,720	17
18	3,110	5,200	11,480	32,480	10,480	12,930	12,940	11,080	7,270	1,660	7,940	3,580	18
19	4,340	6,270	10,680	29,620	11,430	12,350	12,630	10,200	7,930	5,330	4,180	5,260	19
20	5,980	4,080	11,730	28,770	10,180	12,170	13,430	9,810	6,680	5,430	4,010	3,920	20
21	5,770	1,550	12,390	26,240	8,930	11,810	12,150	10,140	6,690	4,810	110	2,650	21
22	4,720	4,940	8,580	24,520	9,660	13,090	11,810	10,300	8,440	4,730	320	4,310	22
23	6,460	5,630	8,490	22,380	8,840	16,920	11,480	10,070	9,080	5,190	2,970	3,530	23
24	4,600	14,080	8,150	19,660	10,110	17,940	10,990	.8,730	8,730	2,610	3,460	3,590	24
25	4,280 A	15,490	10,160	14,930	11,020	34,300	11,410 B	9,700	6,410	2,170	4,820	2,930	25
26 27 28 29 30 31	4,580 4,990 4,160 4,080 4,640 4,360	10,670 27,600 33,420 24,330 38,820	7,800 7,920 12,550 18,130 15,160 12,490	13,180 12,460 12,520 12,680 10,940 11,370	9,910 8,460 8,400	62,070 37,820 34,150 30,620 27,340 23,500	10,460 10,710 10,890 11,270 11,530	10,370 8,070 10,840 9,510 9,170 9,060	1,620 1,280 7,300 7,600 6,900	4,980 3,910 5,420 6,080 4,310 1,870	4,770 2,800 1,770 2,680 4,630 5,270	4,060 2,760 3,580 5,750 2,920	26 27 28 29 30 31
MEAN	4,312	10,994	16,054	16,713	10,056	17,022	14,027	11,583	8,275	4,775	3,705	3,829	MEAN
MAX.	6,460	33,420	30,200	46,880	11,620	62,070	20,940	14,310	10,900	6,630	7,940	6,830	MAX
MIN.	1,340	1,550	7,800	6,290	8,400	5,920	10,460	8,070	1,280	1,660	110	140	MIN.
AC. FT.	265,470	654,220	987,130	1,027,670	558,490	1,046,670	833,710	712,220	492,400	293,580	227,800	227,860	AC.FT.

A - 25-Hour Day. B - 23-Hour Day.

WATER YEAR SUMMARY

MEAN		MAXIMU	M				MINIM			
INFLOW	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
10,121				ΙÌ						
		L	1	Ш			1		\perp	

TOTAL 7,327,220

	LOCATION MAXIMUM DISCHARGE			PERIOD	PERIOD OF RECORD			DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORD		INFLOW	CONTENT	PERIOD		ZERO	REF.	
LATITUDE	CONGITODE	M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	GAGE	DATUM	
40 43 10	122 25 10	NW 15 33N 5W				NOV 1942-DATE	NOV 1942-DATE	1942		0.00	USCGS	

The figures contained herein are computed inflow to Shasta Lake and take into account change in storage, release, spill, precipitation and evaporation. They are representative of the natural flow which would pass the damsite (9.5 miles north of Redding) if the dam had not been constructed. Records furnished by USBR. Drainage area, excluding Goose Lake Basin, 1s 6,665 square miles.

Shasta Lake has a usable capacity of 4,377,000 acre-feet between elevations 737,75 and 1065.0 feet above mean sea level. Not available for release, 115,700 acre-feet.

TABLE B-14 (Cont.) **DAILY INFLOW**

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A36171	WHISKEYTOWN LAKE NEAR WHISKEYTOWN

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	980	100:	1,600	630:	4,590	2,530	1,710	3,360	3,440	3,410	2,000	1,510	1
2	1,000	390	1,270	500	4,740	2,460	1,660	3,310	3,390	3,420	2,050	1,420	2
3	990	340	2,800	660	4,560	2,490	1,610	3,510	3,370	3,510	2,080	1,510	3
4	80	840	2,010	1,500	4,610	2,330	1,510	3,330	3,370	3,570	2,040	560	4
5	1,100	1,180	1,460	1,500	2,470	2,160	2,980	3,300	3,240	3,620	2,020	290	5
6	1,060	750	1,180	1,510	2,420	2,420	4,060	3,150	3,490	3,820	2,010	290	6
7	1,260	540	2,670	1,340	570	1,710	2,260	3,290	3,350	3,620	1,580	2,110	7
8	1,120	320	3,170	1,610	2,870	2,370	2,160	3,370	3,500	3,620	1,400	2,140	8
9	1,070	1,320	2,060	1,140	3,060	2,040	2,320	3,230	3,670	3,610	1,580	1,960	9
10	970	740	1,550	1,470	1,840	1,590	3,400	3,460	3,670	3,560	1,580	1,990	10
11	80	650	1,270	2,170	3,420	2,560	3,250	3,280	3,620	3,820	1,380	1,410	11
12	980	640	730	2,110	3,030	3,530	3,250	3,320	3,520	3,410	1,410	1,450	12
13	1,000	450	630	2,090	2,920	2,800	3,360	3,440	3,500	3,470	1,460	1,480	13
14	980	500	1,390	2,260	2,050	2,440	3,340	3,620	3,730	3,450	1,420	1,430	14
15	1,180	160	1,840	5,060	2,230	2,250	3,340	2,990	4,070	2,100	1,590	1,040	15
16	1,410	440	1,500	6,140	2,940	2,250	3,350	2,390	3,620	1,960	1,440	1,540	16
17	1,420	440	1,900	5,190	2,770	2,510	3,290	3,500	3,550	2,100	1,430	1,710	17
18	160	400	1,700	3,850	2,530	2,560	3,290	3,590	3,840	2,040	1,460	1,340	18
19	1,170	430	600	3,740	2,440	2,490	3,460	3,540	3,650	2,180	1,390	1,590	19
20	1,420	460	740	3,380	2,370	2,500	3,450	2,950	3,660	2,190	1,460	1,640	20
21	1,720	370	1,570	3,040	1,950	2,440	3,840	3,140	3,440	1,930	1,580	940	21
22	1,420	230	1,420	3,190	2,440	2,560	3,300	3,290	3,670	1,990	1,390	420	22
23	1,410	500	1,410	2,890	2,400	3,110	3,230	3,360	3,070	1,980	1,470	100	23
24	1,280	1,090	1,300	1,020	2,390	2,920	3,200	3,560	3,210	2,050	1,530	600	24
25	150 A	1,190	440	2,930	2,370	4,290	3,190 B	3,670	3,310	2,000	1,520	1,450	25
26 27 28 29 30 31	210 380 360 390 340 200	850 2,560 2,800 1,770 2,160	440 390 2,200 1,880 1,930	3,390 4,650 4,660 4,550 4,580 4,640	2,410 2,460 1,740	5,950 4,280 2,110 2,720 1,960 2,060	3,210 3,420 3,460 3,360 3,270	3,300 3,240 3,300 3,480 3,620 3,580	3,180 3,090 3,180 3,460 3,370	1,960 2,010 2,120 2,000 2,110 2,080	1,550 1,530 1,420 1,510 1,520 1,450	1 390 1,680 1,540 1,770 1,550	26 27 28 29 30 31
MEAN	880	820	1,508	2,819	2,735	2,658	3,018	3,338	3,474	2,733	1,589	1,328	MEAN
MAX.	1,720	2,800	3,170	6,140	4,740	5,950	4,060	3,670	4,070	3,820	2,080	2,140	MAX.
MIN.	80	100	390	500	570	1,590	1,510	2,390	3,070	1,930	1,380	100	MIN.
AC. FT.	54,140	48,810	92,750	173,340	151,920	163,420	179,300	205,230	206,740	168,020	97,690	79,040	AC.FT.

A - 25-Hour Day. B - 23-Hour Day.

WATER	YEAR	SUMMARY	

MEAN	2 د		MAXIMU	M					MINIMU	J M			۱
INFLOW	71	DISCHARGE	GAGE HT.	MO.	DAY	TIME	١ſ	DISCHARGE	GAGE HT.	MO.	DAY	TIME	1
2,238	儿						I						J

\sim	TOTAL
Г	ACRE PEET
l	1,620,400

	LOCATION	1	MA	XIMUM DISCH	IARGE	PERIOD	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECOR	D			PE	RIOD	ZERO	REF.
LATITUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	ON GAGE	DATUM
40 37 03	122 31 31	32N 6W				MAY 1963-DATE	MAY 1963-DATE	1963		0.00	USCGS

The figures contained herein are computed inflow to Whiskeytown Reservoir and take into account change in storage, release, spill, precipitation, and evaporation. Records furnished by USBR. Drainage area is 200 square miles.

Whiskeytown Reservoir has a usable capacity of 241,100 acre-feet between elevations 1100.0 feet and 1210.0 feet above mean sea level. Not available for release, 27,500 acre-feet.

TABLE B-14 (Cont.) **DAILY INFLOW**

(IN CUBIC FEET PER SECOND)

WATER YEAR	STATION NO.	STATION NAME
1971	A71121	FOLSOM LAKE NEAR FOLSOM

DAY	ост.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	DAY
1	1,460	1,630	10,450	4,320	4,500	2,590	7,070	4,580	3,890	4,210	2,270	2,290	1
2	1,350	1,520	15,180	3,710	4,080	2,420	6,500	5,200	3,610	4,040	2,180	2,380	2
3	1,290	1,840	8,840	3,090	4,500	2,740	6,170	5,070	3,710	3,640	2,500	2,170	3
4	1,240	2,620	23,430	3,310	4,810	2,340	6,060	5,420	3,820	3,540	2,990	2,150	4
5	1,320	3,320	12,660	3,990	4,800	2,550	5,840	5,240	3,990	3,190	2,350	1,510	5
6 7 8 9	1,360 1,200 1,470 1,410 1,410	4,810 4,560 3,060 3,360 3,650	8,520 6,260 6,190 6,890 5,990	3,960 3,860 3,810 3,470 3,080	4,350 3,730 4,040 4,760 4,740	2,210 1,820 1,560 1,980 2,060	6,220 6,110 5,490 5,380 6,030	5,090 4,930 5,790 5,100 5,380	4,130 4,490 5,080 5,540 5,200	3,020 3,210 3,240 3,280 2,530	2,470 2,870 1,600 2,140 2,920	1,560 1,920 2,200 1,900 1,970	6 7 8 9
11	1,380	2,420	5,400	3,940	5,100	2,230	5,480	6,980	5,720	1,740	2,200	1,980	11
12	1,440	2,740	4,940	5,900	5,200	3,920	5,180	7,210	5,770	1,990	2,850	1,750	12
13	1,380	2,830	4,230	6,630	5,010	6,460	5,050	7,300	5,330	2,660	2,020	1,680	13
14	1,390	2,460	3,540	6,610	4,120	4,050	5,450	7,370	/5,590	2,860	2,260	2,300	14
15	1,420	2,100	4,460	6,320	3,610	3,010	5,620	7,120	5,950	3,120	2,060	2,110	15
16	1,410	1,990	6,700	5,160	4,680	3,170	5,920	6,950	6,350	2,480	1,890	1,960	16
17	1,400	2,380	7,950	5,870	4,470	3,300	6,180	6,340	6,450	2,520	2,850	2,120	17
18	1,410	2,200	6,220	8,460	5,230	3,560	5,360	6,040	6,170	2,350	2,170	1,730	18
19	1,380	2,070	5,480	9,360	5,260	3,140	4,800	5,850	6,250	2,480	2,810	1,420	19
20	1,900	1,850	5,250	8,620	4,850	2,780	4,610	5,860	5,900	2,550	2,200	1,390	20
21	1,870	1,840	5,350	7,770	3,880	2,500	4,540	6,310	6,040	3,040	2,810	1,560	21
22	2,320	1,850	5,540	7,130	4,470	2,730	4,130	5,030	5,380	2,960	1,570	1,700	22
23	2,440	1,480	5,100	6,520	3,910	4,170	3,690	4,690	4,890	2,510	2,340	1,700	23
24	2,440	2,340	4,370	5,900	3,860	4,810	3,560	5,410	4,930	2,390	2,840	1,540	24
25	1,930 A	5,980	3,730	5,570	3,740	6,850	3,530 B	6,570	4,350	2,060	2,170	2,200	25
26 27 28 29 30 31	1,480 2,190 2,180 2,210 2,260 2,040	9,750 4,930 7,270 10,270 6,680	3,940 4,640 4,360 7,340 6,910 5,750	5,340 5,260 5,290 5,140 5,200 5,300	3,670 3,540 2,450	30,870 20,580 11,930 9,530 8,860 7,760	3,260 3,440 3,370 3,500 4,060	6,720 6,100 5,800 4,760 4,400 4,030	4,770 7,660 7,190 5,630 4,310	1,850 2,590 2,310 2,440 2,360 2,420	2,780 2,170 2,180 1,730 1,940 2,310	1,640 1,530 1,850 1,690 2,120	26 27 28 29 30 31
MEAN	1,657	3,527	6,955	5,416	4,334	5,435	5,053	5,763	5,270	2,761	2,337	1,867	MEAN
MAX.	2,440	10,270	23,430	9,360	5,260	30,870	7,070	7,370	7,660	4,210	2,990	2,380	MAX.
MIN.	1,200	1,480	3,540	3,090	2,450	1,560	3,260	4,030	3,610	1,740	1,570	1,390	MIN.
AC. FT.	102,070	209,850	427,660	333,010	240,720	334,180	300,310	354,330	313,570	169,750	143,680	111,120	AC.FT.

A - 25-Hour Day. B - 23-Hour day.

				WAT	ER YEA	R SUMMARY				
MEAN		MAXIMU	M		_		MINIM	UM		$\overline{}$
INFLOW 4,200	DISCHARGE	GAGE HT.	MO.	DAY	TIME	DISCHARGE	GAGE HT.	MO.	DAY	TIME
4,200	(1)					

TOTAL ACRE PEET 3,040,350

	LOCATIO	И	MA	XIMUM DISCH	ARGE	PERIOD C	DATUM OF GAGE				
LATITUDE	LONGITUDE	1/4 SEC. T. & R.		OF RECORE)			PER	HOD	ZERO	REF.
LAIIIUDE	LONGITUDE	M.D.B.&M.	CFS	GAGE HT.	DATE	INFLOW	CONTENT	FROM	TO	ON GAGE	DATUM
38 42 29	121 09 22	NE 24 10N 7E				FEB 1955-DATE	FEB 1955-DATE	1955		0.00	USCGS

The figures contained herein are computed inflow to Folsom Reservoir and take into account change in storage, release, spill, precipitation, and evaporation. They are representative of the natural flow which would pass the damsite (2.3 miles northeast of Folsom) if the dam had not been constructed. Records furnished by USBR. Drainage area is 1,861 square miles (Revised).

TABLE B-15

CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS

Corrections and revisions pertain to bulletins of surface water flows published from 1924 to date. These publications are:

Report 1. "Report of Sacramento-San Joaquin Water Supervision". Published from 1924 through 1955.

Report 2. Bulletin No. 23, "Surface Water Flow". Published from 1956 through 1962.

Report 3. "Flood Flows and Stages in Sacramento and Northern San Joaquin Valleys". Published from 1913 through 1956.

Report 4. Bulletin No. 130, "Hydrologic Data: Volume II, Northeastern California". Published from 1963 to date.

Corrections and revisions to surface water data made prior to publication of Bulletin No. 130-68, "Hydrologic Data: Volume II, Northeastern California", are in Bulletin No. 130-67. This report contains corrections made since publication of Bulletin No. 130-67.

 ${\sf TABLE-8-15}$ CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

			Location of Error or Revision	SLY PUBLISHED REPORTS OF SURFACE WA	Change or Revision					
Report	Page	Mile & Bonk	Nome	Îtem	From	To				
	1	Donk								
				<u>1965</u>						
4	286		Mokelumne River near Thornton	Datum of Gage	1964, -3.00 USCGS	1964, 0.00 USCGS				
				1966						
4	151		Sacramento River, Sacramento to Redding	Total Diversions October November December January February March April May June July August September	28,490 4,263 2,860 1,585 1,468 2,870 149,695 211,918 207,730 191,624 172,832 66,143	66,118 17,939 6,887 1,772 1,592 7,836 302,010 378,193 353,650 350,907 313,752 119,869 1,920,545				
				Average Cubic feet per second October November December January February March April May June July August September TOTAL	463 72 46 26 27 47 2,516 3,446 3,440 3,116 2,811 1,112 1,439	1,075 301 112 29 29 128 5,076 6,151 5,943 5,707 5,103 2,015 2,653				
				cent of seasonal October November December January February March April May June July August September	2.7 0.4 0.3 0.2 0.1 0.3 14.4 20.3 19.9 18.4 16.6 6.4	3.4 0.9 0.4 0.1 0.1 0.4 15.7 19.7 18.4 18.3 16.4 6.2				
4	245, 246		Sacramento River at Colliusville	Datum of Gage		Datum of Gage				
				1967						
4	264		Mokelumne River near Thornton	Datum of Gage	1964, -3.00 USCGS	1964, 0.00, USCGS				
4	296		Sacramento River at Collinsville	Datum of Gage		Datum of Gage				
4	296		Sacramento River at Collinsville	Daily Maximum and Minimum Tides		Notation: In order to machine process the data, it was necessary to avoid negative gage heights. Subtract 10.00 feet to obtain gage heights.				
4	312		Suisun Bay at Benicia	Daily Maximum and Minimum Tides		Notation: In order to machine process the data, it was necessary to avoid negative gage heights. Subtract 10.00 feet to obtain gage heights.				

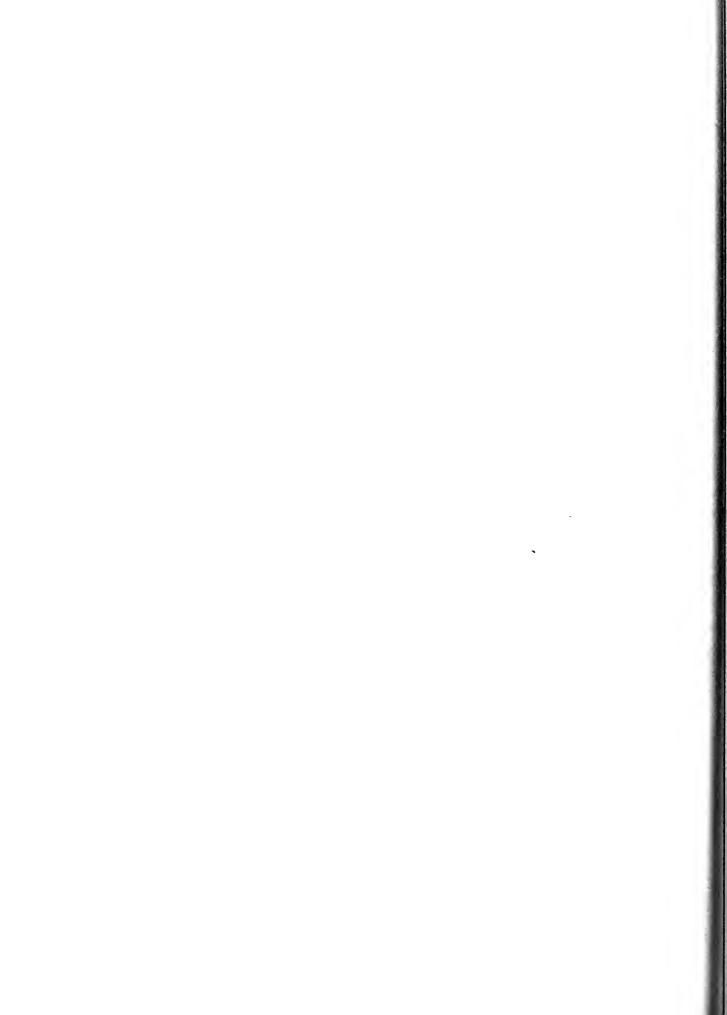
TABLE B-15 (CONT.) CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

			Location of Error or Revision		or oom age an	1	or Revision
Report	Poge	Mile &	Nome	11	·em	From	To
		Poex					
				1968			
4	54		Clover Creek Bypass near Upper Lake	Number Change		A89140	A81940
4	55, 61, 68		Grindstone Creek near Elk Creek	Number Change		A31300	A31302
4	94		Grindstone Creek near Elk Creek	Number Change		A31395	A31302
4	55, 63, 73		Kellogg Creek near Byron	Number Change		B95295	B89200
4	70		Fremont Weir Spill to Yolo Bypass	Map Plotting			To be located approxi- mately midway between A02160 and A02170.
4	79		Willow Creek near Litchfield	Date of Discontin	uance	9-30-68	9-30-67
4	87		Red Bank Creek near Red Bluff	Station Location		Station located at Red Bank Road Bridge, 11 miles southwest of Red Bluff.	Station located at Briggs Road Bridge, 11 miles southwest of Red Bluff.
4	198	11.0R	Hallwood Irrigation Company	Diversions	December January April May June July August September TOTAL	13,503 2,530 17,650 32,730 29,734 29,880 28,060 15,160	4,863 1,140 10,950, 19,600 17,210 17,540 16,120 9,880 97,390
4	239	•	Sutter Bypass at Long Bridge	Station Location		Station located on west levee, 0.2 mile north of State High- way 20, 319 miles east of Meridian.	Station located on west levee, 0.2 mile north of State Highway 20, 3.9 miles east of Meridian.
4	247		Feather River near Gridley	Daily Mean Gage H	leight		Notation: In order to machine process the data, it was necessary to avoid gage heights above 99.99 feet. For values at reference datum, add 50 feet to gage height readings.
4	256		Sacramento River at Sacramento	Daily Mean Gage Height	February 28 February 29	20.74 20.74	20.90 20.92
				<u>1969</u>			
4	154		Bidwell Creek near Fort Bidwell	Daily Mean Discharge	May IO, 1969 May II, 1969 May I2, 1969 May I3, 1969 May I4, 1969 MONTHLY TOTAL WATER YEAR TOTAL	163 188 247 208 175 7,246 Acre-Feet 18,360 Acre-Feet	145 160 184 172 157 6,922 Acre-Feet 18,040 Acre-Feet
4	225		Feather River near Gridley	Daily Mean Gage H	eight		Notation: In order to machine process the data, it was necessary to avoid gage heights above 99.99 feet. For values at reference datum, add 50 feet to gage height readings.
	300		Position By	1970			
4	208		Feather River near Gridley	Daily Mean Gage H	eight		Notation: In order to machine process the data, it was necessary to avoid gage heights above 99.99 feet. For values at reference datum, add 50 feet to gage neight readings.
4	67		Burney Creek near Burney	Daily Mean Discharge	June 18, 1970 June 19, 1970 June 20, 1970 June 21, 1970 June 22, 1970 June 23, 1970 June 24, 1970 June 26, 1970 June 26, 1970 June 27, 1970 June 28, 1970 June 29, 1970 June 30, 1970 HONTHLY TOTAL	25 23 21 28 28 25 20 29 32 35 45 7.0 3.7	24 21 17 23 21 17 11 17 19 20 36 37 23

TABLE B-15 (CONT.)
CORRECTIONS AND REVISIONS TO PREVIOUSLY PUBLISHED REPORTS OF SURFACE WATER DATA

			Lacation of Error or Revision			Chon	ge or Revision
Report	Page	Mile & Bonk	Name		ltem	From	То
						-	
4	67		Burney Creek near Burney (Continued)	Daily Mean Discharge	July 1, 1970 July 2, 1970 July 3, 1970 July 4, 1970 July 5, 1970	3.7 3.7 3.7 3.7 3.7	21 18 17 15
					July 6, 1970 July 7, 1970 July 8, 1970 July 9, 1970 July 10, 1970	3.7 3.7 3.7 3.7 3.7	12 12 17 18 17
					July 11, 1970 July 12, 1970 July 13, 1970 July 14, 1970 July 15, 1970	3.7 3.7 3.7 3.8 3.8	14 13 13 12 12
					July 16, 1970 July 17, 1970 July 18, 1970 July 19, 1970 July 20, 1970	6.5 11 12 15 18	15 19 19 20 22
					July 21, 1970 July 22, 1970	15 13	17 14
					MONTHLY TOTAL WATER YEAR TOTAL	522 Acre-Feet 93,107 Acre-Feet	923 Acre-Feet 93,438 Acre-Feet
4	148		Bidwell Creek near Fort Bidwell	Daily Mean Discharge	Jan. 22, 1970 Jan. 23, 1970 Jan. 24, 1970	196 172 168	136 124 124
					MONTHLY TOTAL WATER YEAR TOTAL	2,050 Acre-Feet 16,521 Acre-Feet	1,749 Acre-Feet 16,220 Acre-Feet

 $\Lambda \textbf{p}_{\texttt{pendix}} \ \texttt{C}$ GROUND WATER MEASUREMENTS



INTRODUCTION

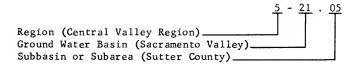
This appendix contains ground water level measurements from 2,162 wells for the period October 1, 1970, through September 30, 1971. It contains hydrographs of selected wells and tables which summarize the measurements.

There are 37 ground water basins or areas in the Northern Central Valley Region and the Northern Lahontan Region for which data are reported. Wells are selected to reflect the ground water conditions of the area. These wells are continuously reviewed, and when conditions dictate, replacement wells are located and measured.

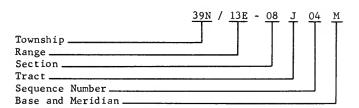
Two numbering systems are used by the Department to facilitate processing of water level measurement data. The two systems are the Region and Basin Designation and the State Well Numbering System as described below.

The regions used in this report are geographic areas defined in Section 13200 of the Water Code.

That portion of Northern California covered by this report comprises the northern portions of Central Valley Region No. 5 and Lahontan Region No. 6. A decimal system of the form 0-00.00 has been selected according to geographic regions, ground water basins, and subbasins or subareas as follows:



The State Well Numbering System is based on township, range, and section subdivisions of the public land survey. The number of a well, assigned in accordance with this system, is referred to as the State Well Number, as illustrated below:



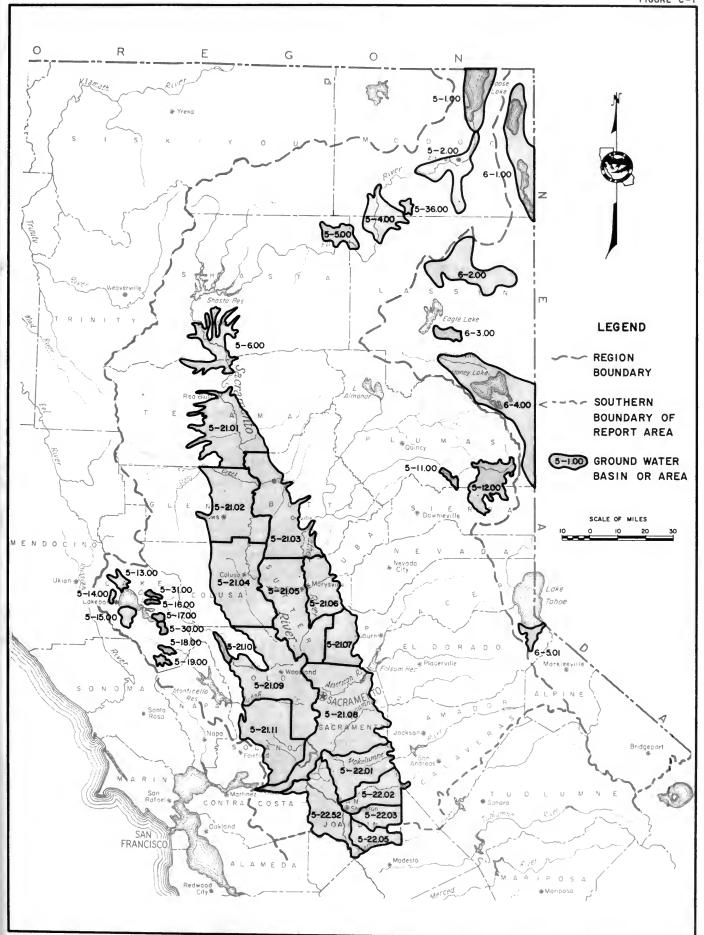
This number identifies and locates the well. In the example, the well is in Township 39 North, Range 13 East, Tract J of Section 8, located in the Mount Diablo Base and Meridian. A section is divided into 40-acre tracts as follows:

D	С	В	A
Е	F	G	Н
М	L	K	J
N	P	Q	R

Sequence numbers in a tract are generally assigned in chronological order. The example designates the fourth well to be assigned a number in Tract J.

INDEX TO GROUND WATER MEASUREMENT DATA IN NORTHEASTERN CALIFORNIA

Number		Page
	CENTRAL VALLEY REGION 5-00.00	
5-01.00	Goose Lake Valley	233
5-02.00	Alturas Basin	
5-04.00	Big Valley	
5-36.00	Round Valley	
5-05.00	Fall River Valley	
5-06.00	Redding Basin	
5-11.00		
5-12.00	Mohawk Valley	
5-13.00	Sierra Valley	
	Upper Lake Valley	
5-14.00	Scott Valley	
5-15.00	Kelseyville Valley	
5-31.00	Long Valley	
5-16.00	High Valley	
5-17.00	Burns Valley	235
5-30.00	Lower Lake Area	235
5-18.00	Coyote Valley	235
5-19.00	Collayomi Valley	235
5-21.00	Sacramento Valley	
5-21.01	Tehama County	235
5-21.02	Glenn County	
5-21.03	Butte County	
5-21.04	Colusa County	
5-21.05	Sutter County	
5-21.06	Yuba County	
5-21.07	Placer County	
5-21.08		
5-21.09	Sacramento County	
5-21.10	Yolo County	
5-21.10	Capay Valley	
	Solano County	264
5-22.00	San Joaquin Valley	0.00
5-22.01	Mokelumne River Area	
5-22.02	Calaveras River Area	
5-22.03	Farmington-Collegeville Area 223,	
5-22.05	South San Joaquin Irrigation District . 223,	
5-22.52	Delta Area	276
	LAHONTAN REGION 6-00.00	
6 01 0-		
6-01.00	Surprise Valley	
6-02.00	Madeline Plains	
6-04.00	Honey Lake Valley	277
6-05.00	Tahoe Valley	
6-05.01	South Tahoe Valley	278



GROUND WATER BASINS IN NORTHEASTERN CALIFORNIA

TABLE C-1

AVERAGE CHANGE OF GROUND WATER LEVELS
AND SUMMARY OF WELL MEASUREMENTS REPORTED

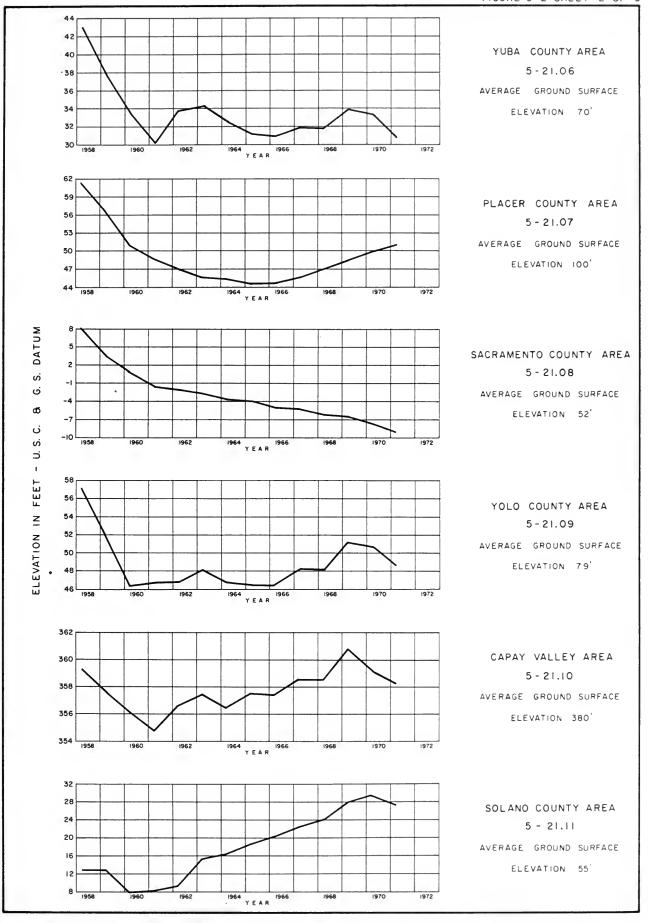
Ground Water Basin or	Area	Average Change Spring 1970 to	Measuring Agency		aber of Report	
Name	Number	Spring 1971 in Feet		Monthly 1970-71	Fall 1970	Spring 1971
CENTRAL VALLEY REGION						
Goose Lake Valley	5-01.00	+1.2	Department of Water Resources		2	2
Alturas Basin	5-02.00	+1.0	Department of Water Resources	6		
Big Valley	5-04.00	+0.2	Department of Water Resources		4	4
Round Valley	5-36.00	+1.1	Department of Water Resources		2	2
Fall River Valley	5-05.00	-1.0	Department of Water Resources		3	3
Redding Basin	5-06.00	-0.5	Department of Water Resources	10		
Mohawk Valley	5-11.00	-0.4	Department of Water Resources			1
Sierra Valley	5-12.00	+0.6	Department of Water Resources		25	25
Upper Lake Valley	5-13.00	-0.4	Department of Water Resources		5	5
Scott Valley	5-14.00	+1.0	Department of Water Resources		1	1
Kelseyville Valley	5-15.00	-1.7	Department of Water Resources		11	11
Long Valley	5-31.00	-0.2	Department of Water Resources		2	2
High Valley	5-16.00	-0.2	Department of Water Resources	•	2	2
Burns Valley	5-17.00	0.0	Department of Water Resources		1	1
Lower Lake Area	5-30.00	-0.8	Department of Water Resources		1	1
Coyote Valley	5-18.00	-0.2	Department of Water Resources		1	1
Collayomi Valley	5-19.00	-0.2	Department of Water Resources		1	2
Sacramento Valley	5-21.00					
Tehama County	5-21.01	-2.6	U. S. Bureau of Reclamation Department of Water Resources	14	5 60	5 60
Glenn County	5-21.02	-2.2	Glenn County U. S. Bureau of Reclamation Department of Water Resources	13	113 25	113 25
Butte County	5-21.03	-2.8	Butte County Department of Water Resources	14	123	123
Colusa County	5-21.04	-1.6	U. S. Bureau of Reclamation Department of Water Resources	8	32 36	32 36
Sutter County	5-21.05	-2.0	Sutter County South Sutter Water District Department of Water Resources		107 25 22	108 26 22
Yuba County	5-21.06	-2.6	Yuba County Department of Water Resources	1	68 26	69 26
Placer County	5-21.07	+1.2	Placer County South Sutter Water District Department of Water Resources	7	72 2 5	74 2 7

TABLE C-1 (Continued)

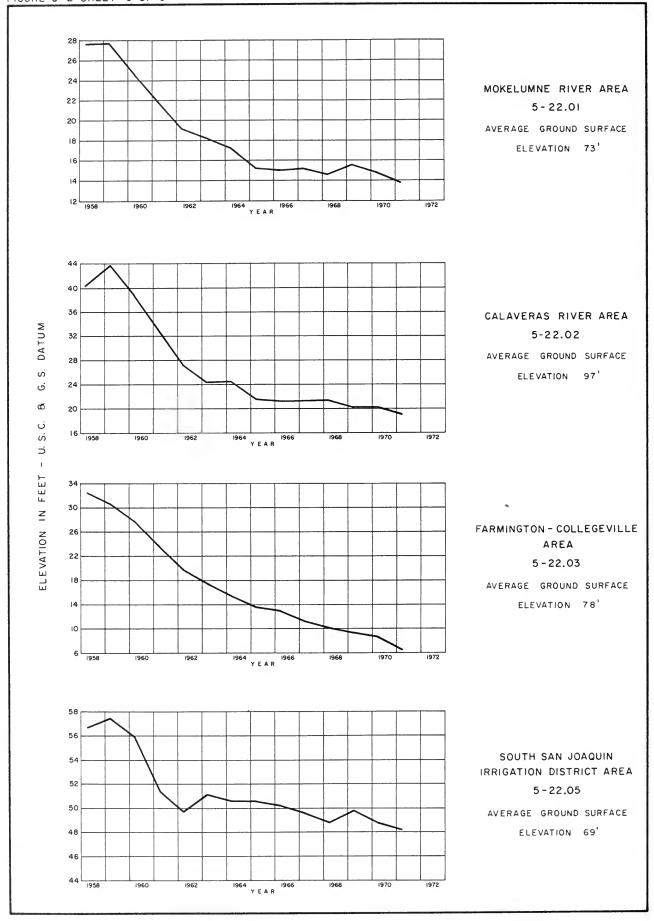
AVERAGE CHANGE OF GROUND WATER LEVELS AND SUMMARY OF WELL MEASUREMENTS REPORTED

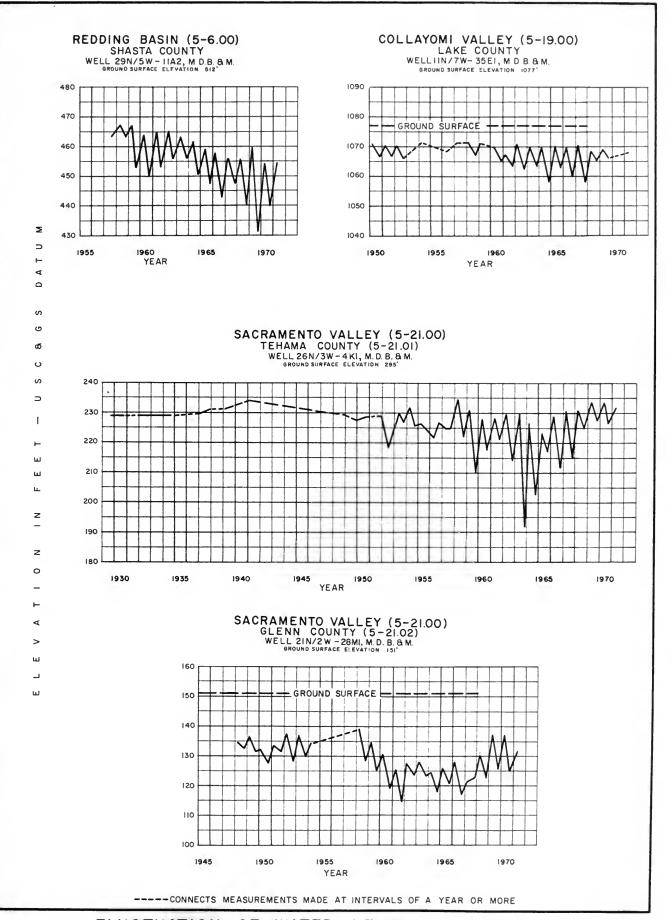
Ground Water Basin or	Area	Average Change Spring 1970 to	Measuring Agency		umber o s Repor	
Name	Number	Spring 1971 in Feet		Monthly 1970-71	Fall 1970	Sprin 1971
Sacramento Valley (Con	tinued)					
Sacramento County	5-21.08	-1.5	Sacramento County Sacramento Muni. Utility Dist. Arcade Water District U. S. Bureau of Reclamation Department of Water Resources	17	100 18 28 92 58	99 19 39 91 60
Yolo County	5-21.09	-2.0	Yolo County U. S. Bureau of Reclamation Department of Water Resources	12	165 87 25	164 86 27
Capay Valley	5-21.10	-1.0	Yolo County		21	21
Solano County	5-21.11	-2.2	Solano County U. S. Bureau of Reclamation Department of Water Resources	11	28 100 24	28 99 22
San Joaquin Valley	5-22.00					
Mokelumne River Area	5-22.01	-1.0	San Joaquin County California Water Service Company East Bay Municipal Utility Dist U. S. Bureau of Reclamation Department of Water Resources		81 64 4 37	82 63 2 40
Calaveras River Area	5-22.02	-1.3	San Joaquin County California Water Service Company East Bay Municipal Utility Dist Stockton & East San Joaquin WCD Department of Water Resources	•	76 19 3 36 36	76 19 3 36 36
Farmington- Collegeville Area	5-22.03	-2.3	San Joaquin County Oakdale Irrigation District Stockton & East San Joaquin WCD Department of Water Resources	1	50 2 1 18	52 2 1 20
South San Joaquin Irrigation Distric	5-22.05 t	-0.6	San Joaquin County Oakdale Irrigation District Department of Water Resources		2 1 30	2 1 31
Delta Area	5-22.52	-1.0	San Joaquin County Department of Water Resources	1	2 13	2 13
AHONTAN REGION						
Surprise Valley	6-01.00	+0.1	Department of Water Resources	6	1	1
Madeline Plains	6-02.00	+1.6	Department of Water Resources		2	2
Honey Lake Valley	6-04.00	-1.6	Department of Water Resources	5		
Tahoe Valley	6-05.00					
South Tahoe Valley	6-05.01	-0.2	Department of Water Resources	7	22	22

FLUCTUATION OF AVERAGE GROUND WATER LEVEL IN SELECTED AREAS

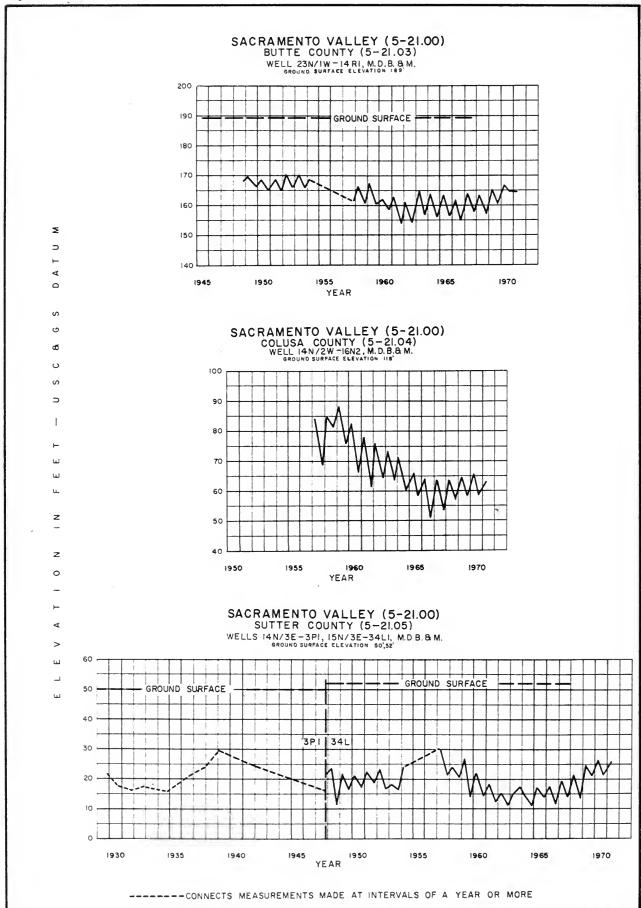


FLUCTUATION OF AVERAGE GROUND WATER LEVEL IN SELECTED AREAS

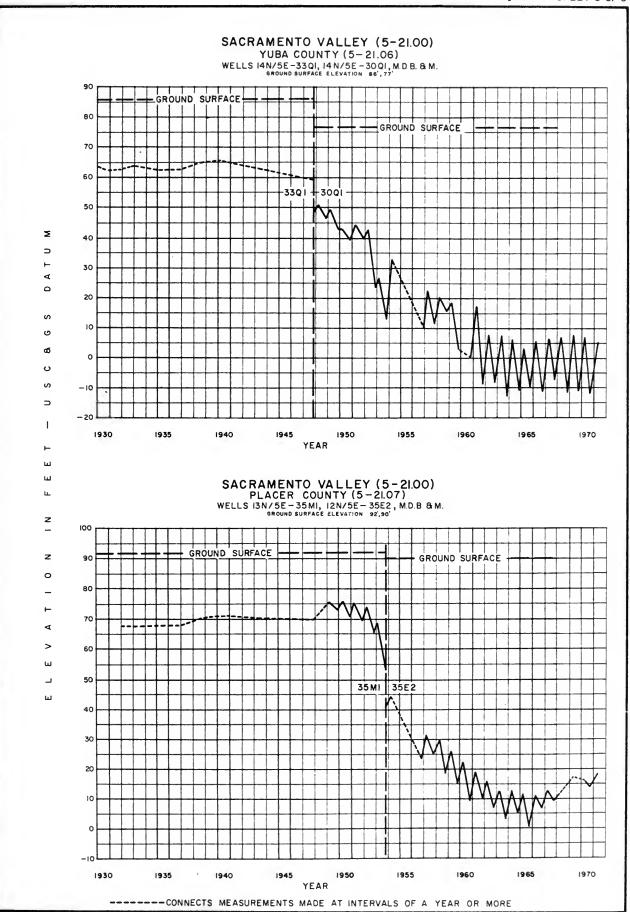




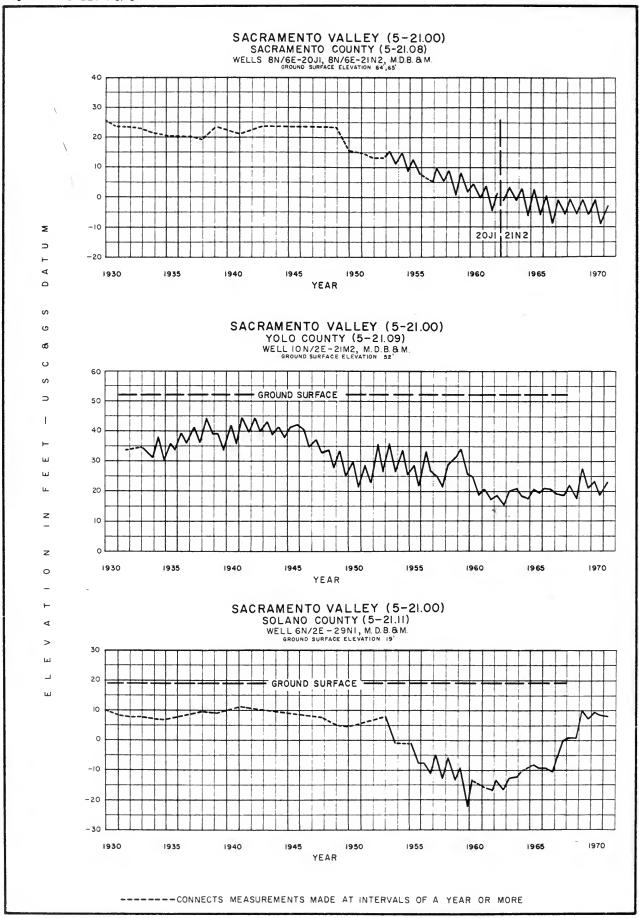
FLUCTUATION OF WATER LEVEL IN WELLS



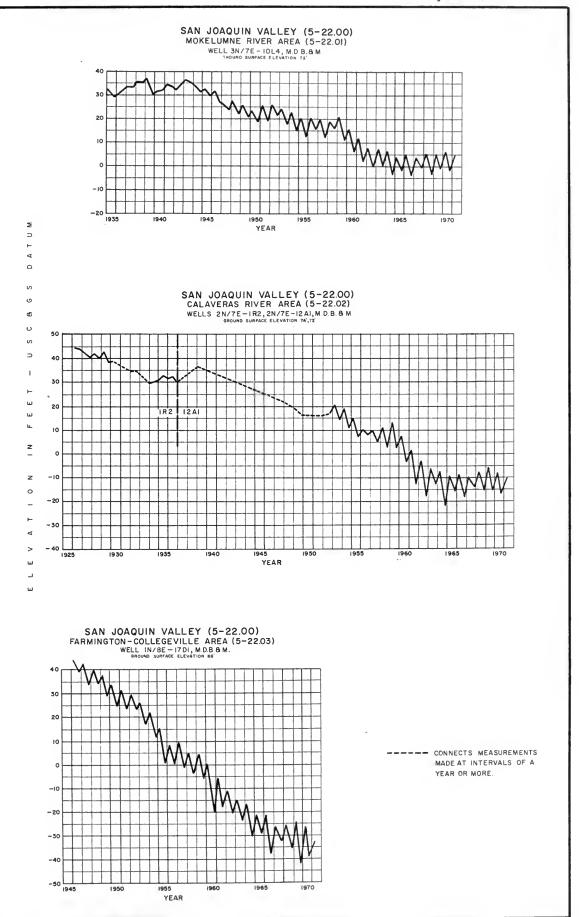
FLUCTUATION OF WATER LEVEL IN WELLS



FLUCTUATION OF WATER LEVEL IN WELLS



FLUCTUATION OF WATER LEVEL IN WELLS



FLUCTUATION OF WATER LEVEL IN WELLS

TABLE C-2

GROUND WATER LEVELS AT WELLS

An explanation of the column headings and the code symbols follows:

State Well Number - Refer to the explanation under Introduction on page 219.

<u>Ground Surface Elevation</u> - The numbers in this column are the elevations in feet above mean sea level (USGS Datum) of the ground surface at the well. Elevations are usually taken from topographic maps and the accuracy is controlled by topographic standards.

Date - The date shown is when the depth measurement given in the next column was made.

Ground Surface to Water Surface - This is the measured depth in feet from the ground surface to the water surface in the well; certain of the depth measurements in the column may be preceded by a number in parentheses to indicate a questionable measurement. The code applicable to these "questionable measurements" is as follows:

- (1) Pumping(2) Nearby pump
- (2) Nearby pump operating
- (3) Casing leaking or wet(4) Pumped recently
- (5) Air or pressure gage measurement
- (6) Other
- (7) Recharge operation at or near well
- (8) Oil in casing
- (9) Caved or deepened

When a measurement was attempted, but could not be obtained, then only a number in parentheses is shown in the column. The code applicable to these "no measurements" is as follows:

- (1) Pumping
- (2) Pump house locked
- (3) Tape hung up
- (4) Cannot get tape in casing
- (5) Unable to locate well

- (6) Well has been destroyed
- (7) Special
- (8) Casing leaking or wet
- (9) Temporarily inaccessible
- (0) Measurements discontinued

The words FLOW and DRY are shown in this column to indicate a flowing or dry well, respectively. A minus preceding the number in this column indicates that the static water level in the well is this distance in feet above the ground surface.

<u>Water Surface Elevation</u> - This is the elevation in feet above mean sea level (USGS Datum) of the water surface in the well. It was derived by subtraction of the depth measurement from the ground surface elevation.

<u>Agency Supplying Data</u> - Each number in this column is the code number for the agency supplying data for that measurement. The agencies supplying data for this report and the code numbers assigned to them are as follows:

Code	Agency
4202	Sacramento Municipal Utility District
4400	Arcade Water District
4520	Oakdale Irrigation District
4701	California Water Service Company
5001	U. S. Bureau of Reclamation
5050	Department of Water Resources
5102	Sutter County
5103	Yuba County
5104	Yolo County
5105	Glenn County
5106	Butte County
5107	Placer County
5108	Sacramento County
5109	Solano County
5110	San Joaquin County
5401	South Sutter Water District
5550	Stockton and East San Joaquin Water
	Conservation District
8201	East Bay Municipal Utility District

TABLE C-2 (Cont.) GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
	CENTRAL V	ALLEY REGIO	N 5-00.00			FALL RIVER VALLEY	5-05.00				
COOSE LAKE VALLEY 5	-01.00					37N/05E-01J01M	3322.7	10-20-70	8.9	3313.8	5050
45N/14E-17P01M	4796.9	10-20-70 3-30-71	49.6 46.9	4747.3 4750.0	5050 5050	37N/05E-30K02M	3328.6	3-29-71	5.9 48.3	3316.8	5050
48N/14E-24A03M	4847.3	10-20-70	18.9	4828.4	5050	37170311-3010211	3320.0	3-29-71	48.0	3280.6	5050
4017 145-2410311	4047.3	3-30-71	12.3	4835.0	5050	38N/04E-33F01M	3318.0	10-20-70 3-29-71	5.8 3.3	3312.2 3314.7	5050 5050
ALTURAS BASIN 5-02.	00					Brooting Blazy 5 of	00				
39N/13E-08K04M	4453.4	10-21-70	18.2	4435.2	5050	REDDING BASIN 5-06	.00				
		3-30-71	20.2	4433.2 4434.4	5050	29N/03W-06P01M	409.7	10-19-70	32.1 32.9	377.6	5050
		4-22-71 5-20-71	19.0 21.8	4434.4	5050 5050			11-18-70 12-17-70	30.7	376.8 379.0	5050 5050
		6-17-71	17.8	4435.6	5050			1-19-71	28.4	381.3	5050
		7-21-71 8-18-71	19.0 19.3	4434.4 4434.1	5050 5050			2-18-71 3-17-71	32.7 32.2	377.0 377.5	5050 5050
		9-23-71	20.8	4432.6	5050			4-20-71	32.4	377.3	5050
	1000 1	10 00 00	- 0	4296.2	5050			5-18-71 6-15-71	33.0	376.7	5050
41N/10E-06D01M	4303.4	10-20-70 3-29-71	7.2 4.0	4290.2	5050 5050			7-19-71	32.7 33.7	377.0 376.0	5050 5050
		4-21-71	4.5	4298.9	5050			8-20-71	33.7	376.0	5050
		5-19-71 6-16-71	4.9 5.1	4298.5 4298.3	5050 5050			9-24-71	33.7	376.0	5050
		7-20-71	5.2	4298.2	5050	29N/04W-02P01M	445.0	10-19-70	58.0	387.0	5050
		8-16-71	5.9	4297.5	5050			11-18-70	57.9	387.1	5050
		9-22-71	6.6	4296.8	5050			12-17-70 1-18-71	56.7 56.8	388.3 388.2	5050 5050
41N/12E-11D01M	4382.6	10-20-70	20.6	4362.0	5050			2-18-71	56.8	388.2	5050
		3-30-71	19.0	4363.6	5050			3-17-71	57.4	387.6	5050
		4-22-71 5-19-71	19.7 19.5	4362.9 4363.1	5050 5050			4-20-71 5 - 18-71	57.0 58.5	388.0 386.5	5050 5050
		6-17-71	18.5	4364.1	5050			6-15-71	57.7	387.3	5050
		7-21-71	19.8	4362.8	5050			7-19-71 8-20-71	59.8 59.7	385.2 385.3	5050 5050
		8-17-71 9-23-71	19.7 19.9	4362.9 4362.7	5050 5050			9-24-71	59.9	385.1	5050
42N/11E-30C01M	4340.6	10-20-70	9.0	4331.6	5050	29N/04W-04R03M	505.0	10-19-70	58.4 58.3	446.6 446.7	5050 5050
		3-29-71 4-21-71	4.9 5.1	4335.7 4335.5	5050 5050			11-18-70 12-17-70	57.3	447.7	5050
		5-19-71	5.5	4335.1	5050			1-19-71	57.3	447.7	5050
		6-16-71 7 - 20-71	5.6 6.4	4335.0 4334.2	5050 5050			2-18-71 3-17-71	57.0 57.4	448.0 447.6	5050 5050
		8-16-71	7.2	4333.4	5050			4-20-71	57.0	448.0	5050
		9-22-71	7.9	4332.7	5050			5-18-71	57.6	447.4	5050
42N/13E-06P01M	4398.0	10-20-70	6.8	4391.2	5050			6-15-71 7-19-71	57.2 60.2	447.8 444.8	5050 5050
4211/132-0010111	437010	3-29-71	3.7	4394.3	5050			8-20-71	62.0	443.0	5050
		4-21-71 5-19-71	4.7	4393.3	5050			9-24-71	62.0	443.0	5050
		5-19-71 6-16-71	5.5 4.9	4392.5 4393.1	5050 5050	29N/04W-35B01M	535.0	5-25-71	86.3	448.7	5050
		7-20-71	5.4	4392.6	5050			6-15-71	86.4	448.6	5050
		8-18-71 9-22-71	6.1 5.9	4391.9 4392.1	5050 5050			7-13-71 8-20-71	86.4 86.4	448.6 448.6	5050 5050
42N/13E-34M01M	4431.1	10-21-71	10.1	4421.0	5050	_		9-08-71	86.4	448.6	5050
		3-30-71 4-22-71	7.7 7.6	4423.4 4423.5	5050 5050	29N/05W-07B01M	549.0	10-19-70 11-18-70	47.4 47.0	501.6 502.0	5050 5050
		5-19-71	6.3	4424.8	5050			12-17-70	45.5	503.5	5050
		6-17-71	6.4	4424.7	5050			1-19-71	43.6	505.4	5050
		7-21-71 8-18-71	7.8 7.9	4423.3 4423.2	5050 5050			2-18-71 3-17-71	43.0 43.5	506.0 505.5	5050 5050
		9-23-71	9.3	4421.8	5050			4-20-71	43.0	506.0	5050
								5-18-71	43.5 43.2	505.5	5050 5050
SIG VALLEY 5-04.00								6-15-71 7-19-71	45.5	505.8 503.5	5050
38N/07E-32A02M	4115.5	10-20-70	5.6	4109.9	5050			8-20-71 9-24-71	46.0 46.7	503.0 502.3	5050 5050
		3-29-71	0.6	4114.9	5050	29N/05W-11A02M	512.0	10-19-70	(1)		5050
38N/07E-32N01M	4149.5	10-20-70 3-29-71	37.5 36.5	4112.0 4113.0	5050 5050			11-04-70 11-18-70	72.0 66.5	440.0 445.5	5050 5050
								12-17-70	62.5	449.5	5050
38N/08E-17K01M	4149.9	10-20-70 3-29-71	12.7 4.0	4137.2 4145.9	5050 5050			1-19-71 2-18-71	59.7 58.0	452.3 454.0	5050 5050
39N/09E-28F01M	4203.2	10-20-70	6.5	4196.7	5050			3-17-71 4-20-71	57.8 (1)	454.2	5050 5050
		3-29-71	6.2	4197.0	5050			5-18-71 6-15-71	(1) (1)		5050 5050
ROUND VALLEY 5-36.0	00							7-19-71 8-20-71	(1) (1)		5050 5050
39N/09E-02P02M	4286.1	10-20-70	8.0	4278.1	5050			9-19-71	(1)		5050
		3-29-71	2.0	4284.1	5050						
	4229.9	10-20-70	10.1	4219.8	5050	i e					

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

	(Continu 473.3 450.0	10-19-71 11-19-71 12-17-71 1-19-71 2-18-71 3-18-71 4-20-71 5-18-71 6-15-71 7-19-71 8-20-71 9-24-71 10-19-70 11-19-70 11-19-70 12-17-70 1-18-71 2-18-71 3-18-71 4-20-71	77.9 77.0 75.3 74.6 75.8 76.6 75.6 77.5 78.3 79.7 80.0 80.1	395.4 396.3 398.0 398.7 397.5 396.7 397.7 395.8 395.0 393.6 393.3 393.2	5050 5050 5050 5050 5050 5050 5050 505	SIERRA VALLEY 5-12 22N/14E-02H01M 22N/14E-13K01M 22N/14E-26L01M 22N/15E-14K01M	.00 (Contin 4881.2 4882.0 4894.5 4891.0	10-14-70 5-06-71 10-14-70 5-06-71 10-14-70 5-06-71 10-14-70 5-06-71	8.2 3.6 3.3 2.4 FLOW FLOW 21.0 3.5	4873.0 4877.6 4878.7 4879.6 4870.0 4887.5	5050 5050 5050 5050 5050 5050 5050
		11-19-71 12-17-71 1-19-71 2-18-71 3-18-71 4-20-71 5-18-71 6-15-71 7-19-71 8-20-71 9-24-71 10-19-70 11-19-70 11-19-70 12-17-70 1-18-71 2-18-71 3-18-71 4-20-71	77.0 75.3 74.6 75.8 76.6 75.6 77.5 78.3 79.7 80.0 80.1 60.0 58.3 56.5	396.3 398.0 398.7 397.5 396.7 397.7 395.8 395.0 393.6 393.3 393.2	5050 5050 5050 5050 5050 5050 5050 505	22N/14E-13K01M 22N/14E-26L01M 22N/15E-14K01M	4882.0 4894.5	5-06-71 10-14-70 5-06-71 10-14-70 5-06-71 10-14-70	3.6 3.3 2.4 FLOW FLOW 21.0	4877.6 4878.7 4879.6	5050 5050 5050 5050 5050 5050
30N/04W-06B03M	450.0	1-19-71 2-18-71 3-18-71 4-20-71 5-18-71 6-15-71 7-19-71 8-20-71 9-24-71 10-19-70 11-19-70 11-19-70 1-18-71 2-18-71 3-18-71 4-20-71	74.6 75.8 76.6 75.6 77.5 78.3 79.7 80.0 80.1 60.0 58.3 56.5 55.0	398.7 397.5 396.7 397.7 395.8 395.0 393.6 393.3 393.2 390.0 391.7	50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50	22N/14E-26L01M 22N/15E-14K01M	4894.5	5-06-71 10-14-70 5-06-71 10-14-70	2.4 FLOW FLOW 21.0	4879.6	5050 5050 5050 5050
30N/04W-06B03M	450.0	4-20-71 5-18-71 6-15-71 7-19-71 8-20-71 9-24-71 10-19-70 11-19-70 11-19-70 1-18-71 2-18-71 3-18-71 4-20-71	75.6 77.5 78.3 79.7 80.0 80.1 60.0 58.3 56.5 55.0	397.7 395.8 395.0 393.6 393.3 393.2 390.0 391.7	5050 5050 5050 5050 5050 5050	22N/15E-14K01M		5-06-71 10-14-70	FLOW 21.0		5050 5050
30N/04W-06B03M	450.0	7-19-71 8-20-71 9-24-71 10-19-70 11-19-70 12-17-70 1-18-71 2-18-71 3-18-71 4-20-71	79.7 80.0 80.1 60.0 58.3 56.5 55.0	393.6 393.3 393.2 390.0 391.7	5050 5050 5050		4891.0				
30N/04W-06B03M	450.0	10-19-70 11-19-70 12-17-70 1-18-71 2-18-71 3-18-71 4-20-71	60.0 58.3 56.5 55.0	390.0 391.7							5050
		12-17-70 1-18-71 2-18-71 3-18-71 4-20-71	56.5 55.0		5050	22N/15E-22Q01M	4880.9	10-14-70 5-06-71	7.4 3.4	4873.5 4877.5	5050 5050
		3-18-71 4-20-71		393.5 395.0	5050 5050 5050	22N/15E-28L01M	4881.5	10-14-70 5-06-71	7.9 -0.2	4873.6 4881.7	5050 5050
			56.5 57.0 56.4	393.5 393.0 393.6	5050 5050 5050	22N/15E-35H01M	4889.7	10-14-70 5-06-71	23.4 -3.4	4866.3 4893.1	5050 5050
		5-17-71 6-15-71 7-19-71	57.0 58.5 61.5	393.0 391.5 388.5	5050 5050 5050	22N/15E-36P01M	4904.0	10-14-70 5-06-71	30.7 FLOW	4873.3	5050 5050
		8-20-71 9-24-71	63.5 63.5	386.5 386.5	5050 5050	22N/16E-04A01M	4932.0	10-14-70 5-06-71	-2.3 -4.6	4934.3 4936.6	5050 5050
31N/03W-29N01M	416.4	10-19-70 11-19-70 12-17-70	24.3 23.6 20.9	392.1 392.8 395.5	5050 5050 5050	22N/16E-17E02M	4901.3	10-14-70 5-06-71	-0.2 -2.5	4901.5 4903.8	5050 5050
		1-19-71 2-18-71 3-17-71	19.8 21.4 21.1	396.6 395.0 395.3	5050 5050 5050	23N/14E-25G01M	4891.7	10-14-70 5-06-71	10.4 5.6	4881.3 4886.1	5050 5050
		4-20-71 5-18-71 6-15-71	21.1 23.6 24.5	395.3 392.8 391.9	5050 5050 5050	23N/14E-25K01M	4891.1	10-14-70 5-06-71	9.5 2.4	4881.6 4888.7	5050 5050
		7-19-71 8-20-71 9-24-71	28.6 26.4 26.5	387.8 390.0 389.9	5050 5050 5050	23N/15E-29H01M	4896.4	10-14-70 5-06-71	-9.9 -11.0	4906.3 4907.4	5050 5050
31N/04W-16H01M	512.0	10-19-70 11-19-70	114.2 110.1	397.8 401.9	5050 5050	23N/15E-34D01M	4888.3	10-14-70 5-06-71	-12.6 -13.8	4900.9 4902.1	5050 5050
		12-17-70 1-19-71 2-18-71	107.0 104.6 105.0	405.0 407.4 407.0	5050 5050 5050	23N/15E-36J01M	4905.7	10-¶4-70 5-06-71	4.7 2.5	4901.0 4903.2	5050 5050
		3-17-71 4-20-71 5-18-71 6-16-71	103.6 103.1 106.2 109.2	408.4 408.9 405.8 402.8	5050 5050 5050 5050	23N/16E-34H01M	4964.9	10-14-70 5-06-71	4.6	4960.3 4962.8	5050 5050
		7-20-71 8-20-71 9-24-71	115.0 119.0 119.2	397.0 393.0 392.8	5050 5050 5050	UPPER LAKE VALLEY					
MOHAWK VALLEY 5-11.00						15N/09W-07G01M	1346.4	10-08-70 3-11-71	24.1 5.0	1322.3 1341.4	5050 5050
	352.2	5-06-71	7.1	4345.1	5050	15N/09W-08N01M	1337.0	10-08-70 3-11-71	13.8 4.3	1323.2 1332.7	5050 5050
SIERRA VALLEY 5-12.00						15N/09W-20L01M	1324.0	10-08-70 3-11-71	7.0 5.2	1317.0 1318.8	5050 5050
20N/14E-13Q02M 4	985.6	10-14-70 5-06-71	4.0 1.3	4981.6 4984.3	5050 5050	15N/10W-02N01M	1339.0	10-08-70 3-11-71	10.7 0.2	1328.3 1338.8	5050 5050
2IN/14E-33C01M 4	919.0	10-14-70 5-06-71	1.4	4917.6 4918.2	5050 5050	16N/09W-31CO3M	1408.2	10-08-70 3-11-71	28.9 23.3	1379.3 1384.9	5050 5050
21N/14E-36Q01M 4	928.5	10-14-70 5-06-71	DRY 4.1	4924.4	5050 5050	SCOTT VALLEY 5-14.	00				
21N/15E-04P01M 4	890.7	10-14-70 5-06-71	9.1 (9)	4881.6	5050 5050	14N/10W-15H01M	1445.0	10-08-70 3-11-71	(1) 55.0 7.8	1390.0 1437.2	5050 5050
21N/15E-07R01M 4	892.7	10-14-70 5-06-71	-6.2 -8.1	4898.9 4900.8	5050 5050	KELSEYVILLE VALLEY	5-15.00				
21N/15E-12C01M 4	918.8	10-14-70 5-06-71	8.0 2.2	4910.8 4916.6	5050 5050	13N/09W-03F05M	1349.0	10-08-70 3-11-71	31.0 12.6	1318.0 1336.4	5050 5050
21N/15E-12P01M 4	927.5	10-14-70 5-06-71	-0.9 -9.1	4928.4 4936.6	5050 5050	13N/09W-05J03M	1350.0	10-08-70 3-11-71	31.6 8.0	1318.4 1342.0	5050 5050
21N/16E-18H01M 4	995.1	10-14-70 5-06-71	21.7 16.1	4973.4 4979.0	5050 5050	13N/09W-09Q02M	1368.0	10-08-70 3-11-71	24.0 7.2	1344.0 1360.8	5050 5050
21N/16E-18H02M 4	994.5	10-14-70 5-06-71	20.9 15.0	4973.6 4979.5	5050 5050	13N/09W-10J01M	1367.0	10-08-70 3-11-71	43.0 18.0	1324.0 1349.0	5050 5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
ELSEYVILLE VALLEY	5-15.00 (Cd	ontinued)				TEHAMA COUNTY 5-21.	01 (Continu	ied)			
13N/09W-14C01M	1381.0	10-08-70 3-11-71	23.8 10.0	1357.2 1371.0	5050 5050	23N/03W-05G01M	277.0	10-26-70 11-25-70	52.6 51.2	224.4 225.8	5050 5050
13N/09W-14G01M	1397.8	10-08-70 3-11-71	20.1 16.7	1377.7 1381.1	5050 5050			12-18-70 1-19-71 2-19-71	47.6 44.2 41.7	229.4 232.8 235.3	5050 5050 5050
13N/09W-14P02M	1398.8	10-08-70 3-11-71	33.2 14.0	1365.6 1384.8	5050 5050			3-18-71 4-23-71 5-25-71	41.3 41.9 44.4	235.7 235.1 232.6	5050 5050 5050
13N/09W-18R01M	1389.0	10-08-70 3-11-71	11.0	1378.0 1386.8	5050 5050			6-18-71 7-22-71 8-25-71	44.8 47.7 51.0	232.2 229.3 226.0	5050 5050 5050
13N/09W-20P01M	1413.0	10-08-70 3-11-71	14.0 5.5	1399.0 1407.5	5050 5050	23N/03W-12G01M	266.0	9-27-71 10-27-70	52.7 110.4	224.3 155.6	5050 5050
13N/09W-21F01M	1498.7	10-08-70 3-11-71	106.7 99.9	1392.0 1398.8	5050 5050	23N/03W-12P02M	216.0	3-05-71 10-27-70	93.1 33.0	172.9 183.0	5050 5050
13N/09W-22C02M	1430.0	10-08-70 3-11-71	26.3 23.4	1403.7 1406.6	5050 5050	23N/03W-22Q01M	232.0	3-05-71 10-27-70	16.6	199.4	5050 5050
ONG VALLEY 5-31.00						23N/03W-24A02M	205.0	3-05-71 10-27-70	42.2	189.8	5050 5050
14N/07W-06F01M	1320.0	10-08-70	24.0 10.5	1296.0	5050 5050			3-05-71	29.4	175.6	5050
		3-10-71 3-10-71	(0)	1309.5	5050	24N/01W-06A01M	281.0	3-04-71	16.8 17.0	264.0	5050
14N/07W-06F05M	1320.0	10-08-70 3-10-71 3-10-71	28.0 14.7 (0)	1292.0 1305.3	5050 5050 5050	24N/01W-18N01M	254.0	10-26-70 3-04-71	59.5 59.0	194.5 195.0	5050 5050
IGH VALLEY 5-16.00)					24n/02w-02n01m	205.0	10-26-70 11-24-70 12-21-70	7.2 8.0 5.5	197.8 197.0 199.5	5050 5050 5050
14N/07W-19M01M	1730.0	10-08-70 3-11-71	14.4	1715.6 1724.0	5050 5050			1-19-71 2-19-71 3-18-71	5.5 6.5 7.4	199.5 198.5 197.6	5050 5050 5050
14N/07W-19M02M	1730.0	10-08-70 3-11-71	42.7 30.8	1687.3 1699.2	5050 5050			4-26-71 5-25-71 6-18-71	6.2 6.3 7.0	198.8 198.7 198.0	5050 5050 5050
URNS VALLEY 5-17.0	10	/-						7-22-71 8-25-71 9-27-71	6.2 6.4 7.3	198.8 198.6 197.7	5050 5050 5050
13N/07W-15Q01M	1385.0	10-08-70 3-11-71	6.7	1378.3 1384.0	5050 5050	24N/02W-23G01M	197.0	10-26-70 3-04-71	24.1 19.8	172.9 177.2	5050 5050
OUTED TAVE ADEA 5 2	0.00					24N/02W-28G01M	188.4	10-26-70 3-04-71	30.3 29.3	158.1 159.1	5050 5050
OWER LAKE AREA 5-3 12N/07W-13N01M	1360.0	10-08-70	18.8	1341.2	5050	24N/02W-29E01M	216.5	10-26-70	46.5	170.0	5050
		3-11-71	14.0	1346.0	5050	24N/02W-36B01M	180.0	3-04-71	32.8 16.6	163.4	5050
OYOTE VALLEY 5-18.								3-04-71	14.1	165.9	5050
11N/06W-19G01M	967.8	10-06-70 3-09-71	15.9 12.4	951.9 955.4	5050 5050	24N/03W-03J01M	276.0	10-26-70 11-25-70 12-18-70 1-19-71	28.3 28.1 25.8 24.3	247.7 247.9 250.2 251.7	5050 5050 5050 5050
OLLAYOMI VALLEY 5-								2-19-71 3-18-71	23.1	252.9 252.6	5050 5050
10N/07W-03A02M	1107.7	10-06-70 3-09-71	32.3 13.7	1075.4 1094.0	5050 5050			4-23-71 5-25-71	23.0 24.5	253.0 251.5	5050 5050
11N/07W-35E01M	1077.0	3-09-71	9.1	1067.9	5050			6-18-71 7-22-71 8-25-71	25.6 27.0 28.4	250.4 249.0 247.6	5050 5050 5050
ACRAMENTO VALLEY S	5-21.00					24N/03W-14K01M	297.0	9-27-71 10-26-70	29.5 78.3	246.5 218.7	5050
EHAMA COUNTY 5-21.	.01							3-05-71	55.4	241.6	5050
23N/02W-07R01M	255.0	10-27-70 3-05-71	99.5 86.8	155.5 168.2	5050 5050	24N/03W-16A01M	288.5	10-27-70 3-01-71	56.2 37.5	232.3 251.0	5050 5050
23N/02W-16B01M	182.5	10-27-70 3-05-71	36.7 30.3	145.8 152.2	5050 5050	24N/03W-26K01M	280.0	10-26-70 3-05-71	67.8 44.0	212.2 236.0	5050 5050
23N/02W-22N02M	181.0	10-27-70 3-05-71	36.1 31.2	144.9 149.8	5050 5050	24N/03W-35P04M	250.0	10-26-70 3-05-71	34.0 22.0	216.0 228.0	5050 5050
23N/02W-34A01M	170.0	10-27-70 3-05-71	25.1 21.2	144.9 148.8	5050 5050	24n/04w-02n01M	379.2	10-27-70 3-01-71	31.4 14.2	347.8 365.0	5050 5050
	2,000								14.2	365.0	

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
TEHAMA COUNTY 5-21.	OI (Contin	ued)				TEHAMA COUNTY 5-21.	01 (Contin	ued)			
24N/04W-07R01M	460.0	10-09-70 3-10-71	52.4 48.0	407.6 412.0	5001 5001	25N/03W-10L04M	274.0	10-26-70 11-25-70	19.4 19.0	254.6 255.0	5050 5050
24N/04W-08J02M	435.0	10-09-70 3-10-71	62.6 52.2	372.4 382.8	5001 5001			12-18-70 1-19-71 2-19-71	18.1 16.9 15.8	255.9 257.1 258.2	5050 5050 5050
24N/04W-09A02M	405.0	10-09-70	96.7	308.3	5001			3-18-71 4-23-71	15.5 15.2	258.5 258.8	5050 5050
24N/04W-09J02M	422.0	3-10-71 10-09-70	77.5 82.9	327.5 339.1	5001			5-25-71 6-18-71 7-22-71	15.7 16.2 16.9	258.3 257.8 257.1	5050 5050 5050
24N/04W-10B0IM	395.0	3-10-71 10-09-70	70.0 92.0	352.0 303.0	5001			8-25-71 9-27-71	17.9 18.5	256.1 255.5	5050 5050
24N/04W-14N02M	372.5	3-10-71 10-27-70	81.0 78.0	314.0 294.5	5001 5050	25N/03W-10L05M	274.0	10-26-70 11-25-70 12-18-70	18.2 16.2 11.4	255.8 257.8 262.6	5050 5050 5050
		3-01-71	65.0	307.5	5050			1-19-71 2-19-71	9.5 10.1	264.5 263.9	5050 5050
24N/04W-21G01M	396.0	10-27-70 3-01-71	75.5 81.0	320.5 315.0	5050 5050			3-18-71 4-23-71 5-25-71	12.3 14.9 19.3	261.7 259.1 254.7	5050 5050 5050
24N/05W-12N01M	499.0	10-27-70 3-01-71	29.2 26.2	469.8 472.8	5050 5050			6-18-71 7-22-71 8-25-71	18.9 20.3 20.3	255.1 253.7 253.7	5050 5050 5050
25N/01W-31M01M	280.0	10-26-70 3-04-71	59.8 63.7	220.2 216.3	5050 5050	05/1	0-0-1	9-27-71	18.9	255.1	5050
25N/02W-06N0IM	221.0	10-28-70 3-05-71	20.5 13.5	200.5 207.5	5050 5050	25N/10W-10M01M	278.0	10-28-70 3-05-71	60.1 41.7	217.9 236.3	5050 5050
25N/02W-18F01M	215.0	10-28-70 3-05-71	17.4 12.0	197.6 203.0	5050 5050	25N/03W-11F01M	256.0	10-28-70 3-05-71	36.7 30.7	219.3 225.3	5050 5050
25N/02W-30G01M	226.0	10-27-70 3-05-71	40.0 35.8	186.0 190.2	5050 5050	25N/03W-13A01M	213.0	10-28-70 3-05-71	13.6 7.0	199.4 206.0	5050 5050
25N/02W-34K01M	204.0	10-26-70	15.7	188.3	5050	25N/03W-13F01M	246.0	10-28-70 3-05-71	42.9 38.6	203.1 207.4	5050 5050
25N/03W-06B01M	319.5	3-04-71 10-20-70	13.0 39.3	191.0 280.2	5050 5050	25N/03W-13J01M	230.7	10-28-70 3-05-71	33.2 30.2	197.5 200.5	5050 5050
25N/03W-09K01M	285.6	3-01-71 10-28-70	34.1 67.5	285.4 218.1	5050 5050	25N/03W-14A01M	252.2	10-28-70 3-05-71	31.6 22.7	220.6 229.5	5050 5050
25N/03W-10L01M	274.0	3-05-71 10-26-70	31.5 48.5	254.1	5050 5050	25N/03W-15A01M	266.5	10-27-70 3-05-71	42.2 31.9	224.3 234.6	5050 5050
	•	11-25-70 12-18-70 1-19-71	40.8 37.4 34.9	233.2 236.6 239.1	5050 5050 5050	25N/03W-15P01M	271.7	10-27-70 3-05-71	45.7 33.9	226.0 237.8	5050 5050
		2-19-71 3-18-71	34.0 36.7	240.0 237.3	5050 5050	25N/03W-19N01M	325.0	10-20-70	86.8	238.2	5050
		4-23-71 5-25-71 6-18-71	43.8 68.8 73.4	230.2 205.2 200.6	5050 5050 5050	25N/03W-20E01M	305.0	3-01-71 10-20-70	53.8	271.2	5050 5050
		7-22-71 8-25-71 9-27-71	81.8 83.7 66.2	192.2 190.3 207.8	5050 5050 5050	25N/03W-22C01M	268.3	3-01-71 10-27-70	35.8 42.3	269.2 226.0	5050 5050
25N/03W-10L02M	274.0	10-26-70 11-25-70	12.7 11.9	261.3 262.1	5050 5050	25N/03W-22L01M	275.0	3-05-71 10-27-70	29.6 49.1	238.7	5050 5050
		12-18-70 1-19-71	5.8 3.4	268.2 270.6	5050 5050			3-05-71	36.9	238.1	5050
		2-19-71 3-18-71 4-23-71	5.6 7.5 9.0	268.4 266.5 265.0	5050 5050 5050	25N/03W-31R01M	318.0	10-27-70 3-01-71	11.0 5.3	307.0 312.7	5050 5050
		5-25-71 6-18-71 7-22-71	8.5 8.5 9.2	265.5 265.5 264.8	5050 5050 5050	26N/02W-05D01M	252.0	10-26-70 11-25-70 12-18-70	22.1 21.4 17.8	229.9 230.6 234.2	5050 5050 5050
		8-25-71 9-27-71	9.0 9.1	265.0 264.9	5050 5050			1-19-71 2-19-71 3-18-71	16.8 18.7 21.3	235.2 233.3 230.7	5050 5050 5050
25N/03W-10L03M	274.0	10-26-70 11-25-70	49.7 42.0	224.3 232.0	5050 5050			4-26-71 5-25-71	19.8 22.1	232.2 229.9	5050 5050
		12-18-70 1-19-71 2-19-71	38.1 35.5 34.5	235.9 238.5 239.5	5050 5050 5050			6-18-71 7-23-71 8-25-71	21.0 22.1 21.8	231.0 229.9 230.2	5050 5050 5050
		3-18-71 4-23-71 5-25-71	37.3 45.2 68.7	236.7 228.8 205.3	5050 5050 5050	26N/02W-09D01M	246.0	9-27-71 10-26-70	23.3	228.7	5050 50 5 0
		6-18-71 7-22-71 8-25-71	70.1 80.3 81.9	203.9 193.7 192.1	5050 5050 5050	26N/02W-14G01M	311.7	3-04-71	18.5	227.5	5050
		9-27-71	67.2	206.8	5050	2011/02 H- 1460 IU	311./	3-04-71	80.6	231.1	5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENC' SUPPLYIN DATA			
TEHAMA COUNTY 5-21.	01 (Continu	ned)				TEHAMA COUNTY 5-21.01 (Continued)								
26N/02W-21Q01M	235.0	10-26-70 3-04-71	20.1 16.7	214.9 218.3	5050 5050	27N/03W-10B01M	310.0	10-26-70 11-25-70	52.9 52.5	257.1 257.5	5050 5050			
26N/02W-29N01M	220.0	10-28-70 3-05-71	14.9	205.1	5050 5050 5050			12-21-70 1-19-71 2-19-71	51.5 50.1 49.3	258.5 259.9 260.7	5050 5050 5050			
26N/02W-29R01M	228.0	10-26-70	8.3	219.7	5050			3-19-71 4-26-71 5-25-71	49.2 49.5	260.8 260.5	5050 5050			
		11-24-70	6.6 2.8 2.5	221.4 225.2 225.5	5050 5050			6-18-71 7-23-71	50.4 51.5 52.0	259.6 258.5 258.0	5050 5050 5050			
		1-19-71 2-19-71	2.4	225.6 224.7	5050 5050			8-25-71	56.0 53.2	254.0 256.8	5050 5050			
		3-18-71 4-26-71	3.5	224.5	5050 5050	237/0211 107014	200.0	9-27-71			5050			
		5-25-71 6-18-71	3.8 4.5	224.2	5050 5050	27N/03W-10N01M	280.0	10-26-70 3-04-71	31.9 34.5	248.1 245.5	5050			
		7-22-71 8-25-71	5.5 6.7	222.5	5050 5050	27N/03W-23D01M	269.0	10-26-70	24.8 20.0	244.2 249.0	5050 5050			
26N/02W-29R02M	229.0	9-27-71	7.4	220.6	5050	278/034 36 1018	251.0	3-04-71	18.2	232.8	5050			
26N/U2W-29RU2M	228.0	10-26-70 11-24-70 12-21-70	4.0 4.2 1.0	224.0 223.8 227.0	5050 5050 5050	27N/03W-36J01M	251.0	3-04-71	15.5	235.5	5050			
		1-19-71 2-19-71	-0.6 0.5	228.6 227.5	5050 5050 5050	27N/04W-35E01M	436.0	10-20-70 3-04-71	130.3 109.8	305.7 326.2	5050 5050			
		3-18-71 4-26-71	0.0	228.0 228.5	5050 5050			3-04-71	103.0	320.2	3030			
		5-25-71 6-18-71	1.5	226.5 225.1	5050 5050	GLENN COUNTY 5-21.0	02							
		7-22-71 8-25-71	4.7 5.7	223.3	5050 5050	18N/01E-17D01M	70.4	10-26-70 3-03-71	8.4 6.2	62.0 64.2	5105 5105			
	•	9-27-71	5.2	222.8	5050	18N/01W-01Q02M	73.0	10-26-70	6.1	66.9	5105			
26N/03W-04K01M	295.0	10-28-70 3-04-71	68.2 63.2	226.8 231.8	5050 5050	222,722		3-03-71	1.8	71.2	5105			
26N/03W-06Q01M	314.8	10-20-70	64.7	250.1	5050	18N/01W-03J01M	77.5	10-28-70 3-03-71	13.7 (9)	63.8	5105 5105			
		3-01-71	20.6	294.2	5050	18N/01W-07D01M	81.0	10-26-70	9.0	72.0	5105			
26N/03W-08N01M	307.6	10-20-70 3-01-71	50.4 45.4	257.2 262.2	5050 5050			3-03-71	7.1	73.9	5105			
26N/03W-11F01M	262.0	10-28-70	37.5	224.5	5050	18N/01W-13A01M	74.4	10-26-70 3-03-71	10.4 6.2	64.0 68.2	5105 5105			
		3-05-71	31.6	230.4	5050	18N/01W-14D01M	75.8	10-26-70	11.0	64.8	5105			
26N/03W-14A01M	252.1	10-28-70 3-05-71	30.8 (1)	221.3	5050 5050			3-03-71	7.0	68.8	5105			
26N/03W-21P01M	284.5	10-26-70	58.9	225.6	5050	18N/01W-16B01M	74.0	10-26-70 3-03-71	11.4 7.0	62.6 67.0	5105 5105			
		11-25-70 12-18-70	51.4 48.2	233.1	5050 5050	18N/01W-17A01M	80.3	10-26-70 3-03-71	16.6 10.9	63.7 69.4	5105 5105			
		1-19-71 2-19-71	45.5 44.9	239.0 239.6	5050 5050	100/01/11/2001/	70.0	,-	17.1	61.9	5105			
		3-18-71 4-23-71	47.0 54.3	237.5	5050 5050	18N/01W-17G01M	79.0 -	10-26-70 3-03-71	11.5	67.5	5105			
		5-25-71 6-18-71	69.2 72.4	215.3 212.1	5050 5050	18N/01W-22L01M	70.0	10-26-70	8.1	61.9	5105 5105			
		7-22-71 8-25-71	78.3 83.1	206.2	5050 5050	100/020 010010	75.0	3-03-71	6.2 7.6	63.8	5105			
268/0211 2/7018	220.0	9-27-71	71.6	212.9	5050	18N/02W-01N01M	75.0	10-26-70 3-03-71	6.4	68.6	5105			
26N/03W-24F01M	230.0	10-28-70 3-05-71	17.4 15.5	212.6 214.5	5050 5050	18N/02W-07C01M	85.0	10-28-70 3-02-71	18.0 14.8	67.0 70.2	5105 5105			
26N/03W-34L02M	270.7	10-28-70 3-05-71	49.3 39.3	221.4 231.4	5050 5050	18N/03W-10L01M	95.0	10-26-70	4.1	90.9	5050			
26N/03W-34P01M	272.9	10-28-70	57.0	215.9	5050			11-23-70 12-22-70	4.1 3.2	90.9 91.8	5050 5050			
2011/0311 3410111	-//	3-05-71	40.5	232.4	5050			1-21-71 2-23-71	3.8 5.0	91.2	5050 5050			
27N/02W-29E01M	294.3	10-26-70 3-19-71	51.9 48.8	242.4 245.5	5050 5050			3-24-71 4-27-71	5.3 5.6	89.7 89.4	5050 5050			
27N/02W-30C02M	280.0	10-26-70	30.6	249.4	5050			5-27-71 6-24-71	5.3 4.9	89.7 90.1	5050 5050			
27N/U2W-30CO2M 26		11-25-70 12-21-70	30.0 27.7	250.0 252.3	5050 5050			7-27-71 8-26-71	4.5	90.5 91.0	5050 5050			
		1-19-71 2-19-71	27.1 27.4	252.9 252.6	5050 5050			9-28-71	3.5	91.5	5050			
		3-19-71 4-26-71	28.3 27.4	251.7 252.6	5050 5050	18N/03W-20C01M	109.0	10-28-70 3-02-71	3.1 3.3	105.9 105.7	5105 5105			
		5-25-71 6-18-71	29.3 31.9	250.7 248.1	5050 5050	18N/03W-22D01M	94.0	10-28-70	1.9	92.1	5105			
		7-23-71 8-25-71	33.5 32.3	246.5 247.7	5050 5050	2011/ 03#-2250111	24.0	3-02-71	2.6	91.4	5105			
		9-27-71	30.7	249.3	5050	18N/04W-11B03M	151.0	10-28-70 3-02-71	26.6 26.9	124.4 124.1	5105 5105			
27N/02W-31C01M	261.0	10-26-70 3-04-71	26.3 23.1	234.7 237.9	5050 5050									

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.02	2 (Continue	ed)				GLENN COUNTY 5-21.02	Continue	d)	***		
18N/04W-12A01M	130.0	10-28-70 3-02-71	14.3 11.3	115.7 118.7	5105 5105	19N/03W-11N02M	123.0	10-28-70 3-02-71	4.8 13.3	118.2 109.7	5105 5105
18N/04W-23F01M	151.0	10-28-70 3-02-71	14.2 13.6	136.8 137.4	5105 5105	19N/03W-32E01M	130.0	10-28-70 3-02-71	11.4 13.6	118.6 116.4	5105 5105
19N/01E-08R01M	91.0	10-26-70 3-03-71	6.7 6.2	84.3 84.8	5105 5105	19N/04W-01A01M	165.0	10-28-70 3-02-71	56.1 49.3	108.9 115.7	5105 5105
19N/01W-07B01M	96.0	10-26-70 3-03-71	19.5 19.7	76.5 76.3	5105 5105	19N/04W-03J01M	188.7	10-28-70 3-02-71	20.2 21.2	168.5 167.5	5105 5105
19N/01W-09C01M	97.0	10-26-70 3-03-71	18.6 15.7	78.4 81.3	5105 5105	19N/04W-11L01M	184.0	10-28-70 3-02-71	47.3 47.0	136.7 137.0	5105 5105
19N/01W-10D01M	92.5	10-26-70 3-03-71	13.7 9.0	78.8 83.5	5105 5105	19N/04W-12E01M	174.0	10-26-70 11-23-70	66.2 62.0	107.8 112.0	5050 5050
19N/01W-14K01M	87.0	10-26-70 3-03-71	12.9 8.8	74.1 78.2	5105 5105			12-22-70 1-21-71 2-24-71	60.0 58.0 55.8	114.0 116.0 118.2	5050 5050 5050
19N/01W-15D01M	91.0	10-26-70 3-03-71	11.9 8.9	79.1 82.1	5105 5105			3-27-71 4-27-71 5-27-71	54.2 54.5 (7)	119.8 119.5	5050 5050 5050
19N/01W-20A01M	94.8	10-26-70 3-03-71	20.4 18.6	74.4 76.2	5105 5105			6-24-71 7-27-71 8-26-71	(7) (7) 68.5	105.5	5050 5050 5050
19N/02W-01F01M	92.0	10-26-70 3-03-71	6.4 4.7	85.6 87.3	5105 5105	19N/04W-25B01M	152.3	9-28-71	69.5 40.8	104.5	5050 5105
19N/02W-05N01M	111.0	10-28-70 3-02-71	7.6 9.1	103.4 101.9	5105 5105	19N/04W-35C01M	165.0	3-02-71 10-28-70	(8)	113.9	5105
19N/02W-09A01M	96.1	10-26-70 3-03-71	5.6 6.0	90.5 90.1	5105 5105	20N/01W-07B01M	115.0	3-02-71	39.2 7.8	125.8	5105
19N/02W-10H01M	92.0	10-26-70 3-03-71	6.6 6.7	85.4 85.3	5105 5105	20N/01W-20N02M	102.0	3-03-71 10-26-70	7.9 14.2	107.1 87.8	5105 5105
19N/02W-13J01M	86.0	10-26-70 11-23-70 12-23-70	11.6 11.4 6.1	74.4 74.6 79.9	5050 5050 5050	20N/01W-31E01M	96.0	3-03-71 10-26-70 3-03-71	9.9 10.1	86.3 86.1 85.9	5105 5105 5105
		1-21-71 2-24-71 3-24-71	4.9 7.5 9.8	81.1 78.5 76.2	5050 5050 5050	20N/02W-02J01M	125.0	10-26-70 3-03-71	8.0 8.7	117.0 116.3	5105 5105
		4-23-71 5-27-71 6-24-71	9.8 9.6 9.8	76.2 76.4 76.2	5050 5050 5050	20N/02W-05A01M	144.0	10-27-70 3-01-71	18.7 16.8	125.3 127.2	5105 5105
		7-27-71 8-26-71 9-28-71	10.7 9.7 10.2	75.3 76.3 75.8	5050 5050 5050	20N/02W-09A01M	131.8	10-27-70 3-03-71	6.5 8.4	125.3 123.4	5105 5105
19N/02W-15J01M	85.0	10-26-70 3-03-71	7.3 7.1	77.7 77.9	5105 5105	20N/02W-13G01M	113.0	10-26-70 3-03-71	4.7 5.4	108.3 107.6	5105 5105
19N/02W-19D01M	103.0	10-28-70 3-02-71	4.9 6.1	98.1 96.9	5105 5105	20N/02W-27J01M	102.0	10-26-70 3-03-71	8.4 7.5	93.6 94.5	5105 5105
19N/02W-23Q01M	86.0	10-26-70 3-03-71	9.0 7.2	77.0 78.8	5105 5105	20N/02W-29G01M	117.0	10-26-70 11-23-70 12-23-70	7.0 7.8 6.0	110.0 109.2 111.0	5050 5050 5050
19N/02W-29Q01M	90.0	10-28-70 3-02-71	4.8 3.9	85.2 86.1	5105 5105			1-21-71 2-24-71 3-24-71	6.3 7.8 8.0	110.7 109.2 109.0	5050 5050 5050
19N/02W-30D01M	100.0	10-28-70 3-02-71	9.8 10.0	90.2 90.0	5105 5105			4-23-71 5-27-71 6-24-71	6.4 4.6 4.8	110.6 112.4 112.2	5050 5050 5050
19N/02W-34F01M	83.0	10-26-70 3-03-71	6.9	76.1 76.9	5105 5105			7-27-71 8-26-71 9-28-71	4.5 4.1 5.7	112.5 112.9 111.3	5050 5050 5050
19N/02W-36H01M	81.4	10-26-70 3-03-71	9.5 6.4	71.9 75.0	5105 5105	20N/03W-03D02M	164.0	10-28-70 3-02-71	36.3 27.6	127.7 136.4	5105 5105
19N/03W-01H01M	117.0	10-28-70 3-02-71	8.4 9.4	108.6 107.6	5105 5105	20N/03W-07K03M	166.0	10-08-70 3-08-71	(1) (1)		5001 5001
19N/03W-02N01M	120.0	10-28-70 3-02-71	9.9 10.6	110.1 109.4	5105 5105	20N/03W-10B01M	155.0	10-28-70 3-05-71	33.7 35.5	121.3 119.5	5105 5105
19N/03W-03Q01M	128.0	10-28-70 3-02-71	9.8 12.2	118.2 115.8	5105 5105	20N/03W-10D02M	156.0	10-28-70 3-02-71	35.3 46.8	120.7 109.2	5105 5105
19N/03W-08B01M	134.1	10-28-70 3-02-71	33.6 31.5	100.5	5105 5105	20N/03W-12C01M	159.0	10-28-70 3-02-71	34.9 29.6	124.1 129.4	5105 5105
		-									

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.0	2 (Continue	ed)				GLENN COUNTY 5-21.0	2 (Continue	d)			
20N/03W-19B01M	159.5	10-08-70 3-10-71	45.1 32.5	114.4 127.0	5001 5001	21N/03W-02B01M (Continued)	219.0	7-27-71 8-26-71 9-28-71	(1) (1) (1)		5050 5050 5050
20N/03W-21A02M	143.7	10-08-70 3-10-71	45.3 34.7	98.4 109.0	5001 5001	21N/03W-08D01M	225.5	10-07-70 3-09-71	(1)	157.0	5001 5001
20N/03W-24B03M	142.0	10-28-70 3-02-71	25.3 22.8	116.7 119.2	5105 5105	21N/03W-09R01M	220.8	10-08-70 3-10-71	38.7	182.1 190.8	5001 5001
20N/03W-25Q01M	134.0	10-28-70 3-02-71	22.5 22.3	111.5 111.7	5105 5105	21N/03W-10J01M	205.7	10-26-70 11-23-70	25.1 23.2	180.6 182.5	5050 5050
20N/03W-31A01M	147.5	10-08-70 3-10-71	48.2 42.7	99.3 104.8	5001 5001			12-22-70 1-21-71 2-23-71	19.2 18.8 19.5	186.5 186.9 186.2	5050 5050 5050
20N/03W-33J01M	136.0	10-08-70 3-10-71	31.2 17.0	104.8 119.0	5001 5001			3-24-71 4-27-71 5-26-71	20.0 22.8 19.0	185.7 182.9 186.7	5050 5050 5050
21N/01W-04N01M	135.0	10-29-70 3-01-71	19.2 16.6	115.8 118.4	5105 5105			6-24-71 7-27-71 8-26-71	24.5 28.0 31.4	181.2 177.7 174.3	5050 5050 5050
21N/01W-05A01M	143.5	10-29-70 3-01-71	22.1 21.6	121.4 121.9	5105 5105	21N/03W-11G01M	200.0	9-28-71	32.0	173.7	5050
21N/01W-09N01M	129.0	10-27-70 3-03-71	16.5 16.1	112.5 112.9	5105 5105	21N/03W-11G01N 21N/03W-11M01M	206.5	3-02-71	22.8	177.2	5105
21N/01W-17F01M	132.5	10-27-70 3-03-71	19.0 17.2	113.5 115.3	5105 5105		202.0	3-02-71	(4)58.7	147.8	5105
21N/01W-31E01M	129.8	10-27-70 3-03-71	10.3 11.3	119.5 118.5	5105 5105	21N/03W-12C01M		10-28-70 3-02-71	(8)	160.3	5105
21N/01W-33N01M	115.0	10-26-70 3 - 03-71	18.4 17.1	9 6. 6 97.9	5105 5105	21N/03W-12C02M	202.0	10-28-70 3-02-71	32.7 22.1	169.3 179.9	5105 5105
21N/02W-02B02M	161.0	10-29-70 3-01-71	21.8 21.6	139.2 139.4	5105 5105	21N/03W-14B01M	197.8	10-28-70 3-02-71	34.7	163.1 167.4	5105 5105
21N/02W-03Q01M	162.6	10-29-70 3 - 01-71	20.0 14.2	142.6 148.4	51 05 51 05	21N/03W-15CO1M	215.0	10-28-70 3-02-71	38.3 32.4	176.7 182.6	5105 5105
21N/02W-09M02M	179.0	10-27-70 3-03-71	36.9 29.8	142.1 149.2	5105 5105	21N/03W-18B01M	218.0	10-08-70 3-09-71	79.5 69.9	138.5 148.1	5001 5001
21N/02W-15B01M	161.0	10-29-70 3-01-71	27.6 22.3	133.4 138.7	5105 5105	21N/03W-20D02M	206.1	10-08-70 3-10-71	69.6 54.8	136.5 151.3	5001 5001
21N/02W-20B01M	166.0	10-29-70 3-01-71	36.5 26.6	129.5 139.4	5105 5105	21N/03W-29F02M	192.0	10-08-70 3-10-71	63.1 49.1	128.9 142.9	5001
21N/02W-20E01M	170.0	10-27-70 3-01-71	41.3 31.1	128.7 138.9	5105 5105	21N/03W-31C02M	199.0	10-08-70 3-10-71	79.2 72.1	119.8 126.9	5001 5001
21N/02w-22J01M	152.0	10-27-70 3-03-71	26.7 21.0	125.3 131.0	5105 5105	21N/03W-31R02M	183.0	10-26-70 11-23-70 12-22-70	63.7 58.9 54.8	119.3 124.1 128.2	5050 5050 5050
21N/02W-23G01M	152.0	10-27-70 3-03-71	23.7 18.2	128.3 133.8	5105 5105			1-21-71 2-23-71 3-24-71	52.5 50.3 56.7	130.5 132.7 126.3	5050 5050 5050
21N/02W-23H01M	142.6	10-27-70 3-03-71	15.8 12.0	126.8 130.6	5105 5105			4-27-71 5-27-71 6-24-71	61.7 71.8 69.3	121.3 111.2 113.7	5050 5050 5050
21N/02W-28M01M	151.0	10-27-70 3-01-71	26.0 19.2	125.0 131.8	5105 5105			7-27-71 8-26-71 9-28-71	81.3 88.7 76.8	101.7 94.3 106.2	5050 5050 5050
21N/02W-31D01M	165.0	10-28-70 3-02-71	37.3 30.3	127.7 134.7	5105 5105	21N/03W-31R03M	183.0	10-26-70 11-23-70	4.5 4.3	178.5 178.7	5050 5050
21N/02W-31D02M	165.0	10-28-70 3-02-71	37.2 30.1	127.8 134.9	5105 5105			12-22-70 1-21-71 2-23-71	3.9 3.7 3.6	179.1 179.3 179.4	5050 5050 5050
21N/02W-31M01M	161.0	10-28-70 3-02-71	33.0 27.9	128.0 133.1	5105 5105			3-24-71 4-27-71 5-27-71	4.2 4.3 4.7	178.8 178.7 178.3	5050 5050 5050
21N/02W-35P01M	128.0	10-27-70 3-03-71	6.6	121.4 120.9	5105 5105			6-24-71 7-27-71 8-26-71	4.6 5.4 5.5	178.4 177.6 177.5	5050 5050 5050
21N/03W-02B01M	219.0	10-26-70 11-23-70 12-22-70 1-21-71 2-23-71 3-24-71 4-27-71 5-26-71 6-24-71	22.5 22.4 17.9 16.9 18.0 19.3 (1) (1)	196.5 196.6 201.1 202.1 201.0 199.7	5050 5050 5050 5050 5050 5050 5050 505	21N/03W-31R04M	183.0	9-28-71 10-26-70 11-23-70 12-22-70 1-21-71 2-23-71 3-24-71 4-27-71 5-27-71	5.5 62.8 57.6 53.2 50.4 48.0 54.8 58.2 71.2	177.5 120.2 125.4 129.8 132.6 135.0 128.2 124.8 111.8	5050 5050 5050 5050 5050 5050 5050 505

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING OATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.0	2 (Continue	d)				GLENN COUNTY 5-21.0	2 (Continue	d)			
21N/03W-31R04M (Continued)	183.0	6-24-71 7-27-71 8-26-71	66.0 76.6	117.0 106.4	5050 5050	22N/02W-08D01M	207.0	10-29-70 3-01-71	27.7 22.0	179.3 185.0	5105 5105
218/021 218059	183.0	9-28-71	84.0 82.4 65.0	99.0 100.6	5050 5050	22N/02W-08Q01M	203.0	10-29-70 3-01-71	13.1 8.8	189.9 194.2	5105 5105
21N/03W-31R05M	103.0	10-26-70 11-23-70 12-22-70 1-21-71	58.8 54.2 50.5	118.0 124.2 128.8 132.5	5050 5050 5050	22N/02W-09L03M	195.0	10-29-70 3-01-71	22.2 13.4	172.8 181.6	5105 5105
		2-23-71 3-24-71 4-27-71	47.6 51.8 55.1	135.4 131.2 127.9	5050 5050 5050 5050	22N/02W-12CO1M	156.0	10-29-70 3-01-71	21.5 20.0	134.5 136.0	5105 5105
		5-27-71 6-24-71 7-27-71	60.0 60.9 69.5	123.0 122.1 113.5	5050 5050 5050	22N/02W-14B02M	165.0	10-29-70 3-01-71	11.6 9.7	153.4 155.3	5105 5105
		8-26-71 9-28-71	72.7 72.5	110.3	5050 5050	22n/02w-16C01M	196.0	10-29-70 3-01-71	15.4 10.3	180.6 185.7	5105 5105
21N/03W-31R06M	183.0	10-26-70 11-23-70 12-22-70	3.7 4.0 1.3	179.3 179.0 181.7	5050 5050 5050	22N/02W-20P02M	203.0	10-27-70 3-01-71	6.6 5.7	196.4 197.3	5105 5105
		1-21-71 2-23-71 3-24-71	1.4 3.2 3.3	181.6 179.8 179.7	5050 5050 5050	22N/02W-21D01M	198.0	10-29-70 3-01 - 71	13.8 13.0	184.2 185.0	5105 5105
		4-27-71 5-27-71 6-24-71	3.3 3.3 3.3	179.7 179.7 179.7	5050 5050 5050	22N/02W-23B01M	169.0	10-29-70 3-01-71	12.3 7.9	156.7 161.1	5105 5105
		7-27-71 8-26-71 9-28-71	3.2 3.0 3.9	179.8 180.0 179.1	5050 5050 5050	22N/02W-23N01M	175.0	10-29-70 3-01-71	17.1 14.5	157.9 160.5	5105 5105
21n/03w-32n01m	184.4	10-08-70 3-10-71	72.3 (1)	112.1	5001 5001	22N/02W-24L01M	163.5	10-29-70 3-01-71	25.3 23.7	138.2 139.8	5105 5105
21N/03W-33A04M	174.0	10-08-70 3-10-71	50.2 34.8	123.8 139.2	5001 5001	22N/02W-32H03M	187.0	10-27-70 3-01-71	12.5 10.6	174.5 176.4	5105 5105
21N/03W-35L01M	163.0	10-28-70 3-02-71	37.5 27.9	125.5 135.1	5105 5105	22N/02W-36D01M	158.7	10-29-70 3-01-71	14.0 12.4	144.7 146.3	5105 5105
21N/03W-35L02M	160.0	10-28-70 3-02-71	32.0 25.2	128.0 134.8	5105 5105	22N/03W-01L01M	237.0	10-29-70 3-01-71	11.8 13.6	225.2 223.4	5105 5105
21N/04W-12B02M	249.0	10-08-70 3-09-71	(1) (1)	٠	5001 5001	22N/03W-04E01M	283.0	10-ð7 - 70 3-10 - 71	70.4 67.1	212.6 215.9	5001 5001
21N/04W-23H01M	259.0	10-08-70 3-10-71	101.0 102.3	158.0 156.7	5001 5001	22N/03W-05F01M	293.0	10-07-70 3-10-71	42.3 44.3	250.7 248.7	5001 5001
21N/04W-24A02M	230.0	10-08-70 3-10-71	95.4 90.7	134.6 139.3	5001 5001	22N/03W-07C01M	300.0	10-07-70 3-09-71	8.6 7.2	291.4 292.8	5001 5001
22N/01W-18E02M	149.5	10-29-70 3-01-71	18.3 16.4	131.2 133.1	5105 5105	22N/03W-10Q01M	256.2	10-29-70 3-01-71	14.2 16.1	242.0 240.1	5105 5105
22N/01W-18E03M	147.0	10-29-70 3-01-71	13.5 12.3	133.5 134.7	5105 5105	22N/03W-17Q01M	275.9	10-07-70 3-09-71	8.9 11.4	267.0 264.5	5001 5001
22N/01W-34E01M	135.0	10-29-70 3-01-71	17.5 14.2	117.5 120.8	5105 5105	22N/03W-21F01M	262.0	10-26-70 11-23-70 12-22-70	17.9 19.5 18.5	244.1 242.5 243.5	5050 5050 5050
22N/02W-03D04M	185.0	10-29-70 3-01-71	23.9 14.3	161.1 170.7	5105 5105			1-21-71 2-23-71 3-24-71	18.8 20.1 21.1	243.2 241.9 240.9	5050 5050 5050
22N/02W-03F01M	191.0	10-29-70 3-01-71	32.4 23.1	158.6 167.9	5105 5105			4-27-71 5-26-71 6-24-71	18.6 17.3 18.5	243.4 244.7 243.5	5050 5050 5050
22N/02W-13L01M	186.0	10-29-70 3-01-71 (4	34.9 4) 32.6	151.1 153.4	5105 5105			7-27-71 8-26-71 9-28-71	16.7 16.7 16.9	245.3 245.3 245.1	5050 5050 5050
22N/02W-05B01M	199.7	10-29-70 3-01-71	12.4 6.9	187.3 192.8	5105 5105	22N/03W-23E01M	243.0	10-29-70 3-03-71	14.5 14.7	228.5 228.3	5105 5105
22N/02W-05L02M	202.0	10-29-70 3-01-71	23.4 17.2	178.6 184.8	5105 5105	22N/03W-24M01M	232.5	10-29-70 3-01-71	13.7 14.8	218.8 217.7	5105 5105
22N/02W-08B02M	205.0	10-26-70 11-23-70 12-18-70	31.0 27.0 21.7	174.0 178.0 183.3	5050 5050 5050	22N/03W-29B01M	268.0	10-07-70 3-09-71	14.6 22.1	253.4 245.9	500 I 500 I
		1-21-71 2-23-71 3-24-71	18.6 20.4 28.5	183.3 186.4 184.6 176.5	5050 5050 5050 5050	22N/03W-31F01M	255.0	10-07-70 3-09-71	1.9	253.1 252.2	5001 5001
		3-24-71 4-23-71 5-26-71 6-24-71	37.8 52.5 56.0	162.7 152.5	5050 5050 5050 5050	22N/03W-32R01M	247.2	10-07-70 3-09-71	18.6 24.0	228.6 223.2	5001 5001
		6-24-71 7-27-71 8-26-71 9-27-71	58.7 (7) (7)	149.0 146.3	5050 5050 5050 5050	22N/03W-33A01M	241.8	10-08-70 3-10-71	9.4 15.5	232.4 226.3	5001 5001

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	OATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
GLENN COUNTY 5-21.0	2 (Continue	ed)				BUTTE COUNTY 5-21.0	3 (Continue	d)			
22N/04W-12L01M	318.0	10-07-70 3-09-71	4.1 5.0	313.9 313.0	5001 5001	18N/02E-11D01M	90.0	10-06-70 3-05-71	4.1 4.4	85.9 85.6	5106 5106
BUTTE COUNTY 5-21.0	3					18N/02E-16F01M	80.0	10-06-70 3-05-71	6.4 7.3	73.6 72.7	5106 5106
17N/01E-01R01M	69.5	10-06-70 3-05-71	6.0 6.7	63.5 62.8	5106 5106	18N/02E-20P01M	76.0	10-06-70 3-05-71	5.6 6.4	70.4 69.6	5106 5106
17N/01E-03A01M	63.2	10-06-70 3-05-71	6.3	56.9 56.6	5106 5106	18N/02E-25M01M	87.0	10-06-70 3-05-71	6.5 7.4	80.5 79.6	5106 5106
17N/01E-10A01M	63.0	10-06-70 3-05-71	10.6 9.1	52.4 53.9	5106 5106	18N/02E-32Q02M	75.0	10-06-70 3-05-71	5.6 7.4	69.4 67.6	5106 5106
17N/02E-06D01M	71.0	10-22-70 11-24-70	8.9 8.7	62.1 62.3	5050 5050	18N/02E-35P01M	84.0	10-06-70 3-05-71	3.9	80.1 78.8	5106 5106
		12-22-70 1-21-71 2-23-71 3-25-71	6.2 5.7 8.6 9.1	64.8 65.3 62.4 61.9	5050 5050 5050 5050	18N/03E-05K01M	110.4	10-05-70 3-04-71	13.8	96.6 102.4	5106 5106
		4-23-71 5-26-71 6-25-71 7-28-71 8-26-71 9-28-71	6.9 5.6 6.4 5.7 4.8 6.5	64.1 65.4 64.6 65.3 66.2 64.5	5050 5050 5050 5050 5050 5050	18N/03E-06M01M	107.0	10-22-70 11-24-70 12-22-70 1-21-71 2-23-71 3-25-71 4-23-71	11.8 12.1 10.2 8.7 10.2 10.4	95.2 94.9 96.8 98.3 96.8 96.6	5050 5050 5050 5050 5050 5050
17N/02E-08D01M 17N/02E-12A01M	74.5	10-06-70 3-05-71 10-06-70	4.3 6.2	70.2 68.3 79.9	5106 5106			5-26-71 6-24-71 7-27-71	10.0 11.0 10.0 10.2	97.0 96.0 97.0 96.8	5050 5050 5050 5050
17N/02E-12A01M	90.0	3-05-71	10.1 8.0 6.1	79.9 82.0 76.4	5106 5106 5106	18N/03E-11G01M	124.0	8-27-71 9-29-71 10-22-70	11.8 11.4 32.6	95.2 95.6 91.4	5050 5050 5050
17N/02E-14R01N	74.0	3-05-71 10-06-70 3-05-71	5.0 4.3 4.6	77.5 69.7 69.4	5106 5106 5106	10N/USE-11GUIN	124.0	11-24-70 12-23-70 1-21-71 2-24-71	32.4 29.3 27.4 27.8	91.6 94.9 96.6 96.2	5050 5050 5050 5050
17N/03E-01R01M	100.0	10-05-70 3-04-71	43.5 33.2	56.5 66.8	5106 5106			3-25-71 4-23-71 5-26-71	27.6 27.5 31.8	96.4 96.5 92.2 92.2	5050 5050 5050
17N/03E-03D01M	95.0	10-06-70 3-05-71	24.0 14.8	71.0 80.2	5106 5106			6-25-71 7-28-71 8-27-71 9-29-71	31.8 32.8 35.5 33.6	91.2 88.5 90.4	5050 5050 5050 5050
17N/03E-05C01M	96.0	10-06-70 3-05-71	11.7	84.3 85.2	5106 5106	18N/03E-14H01M	120.0	10-05-70 3-04-71	39.0 26.0	81.0 94.0	5106 5106
17N/03E-08G01M	90.0	10-06-70 3-05-71	10.4 8.5	79.6 81.5	5106 5106	18N/03E-18F01M	97.5	10-05-70 3-04-71	8.5 6.8	89.0 90.7	5106 5106
17N/03E-14H01M	92.0	10-05-70 3-04-71	31.2 24.0	60.8 68.0	5106 5106	18N/03E-19Q01M	95.5	10-05-70 3-04-71	9.7 8.9	85.8 86.6	5106 5106
17N/03E-16N01M 17N/04E-05C01M	85.0	10-06-70 3-05-71	10.5	74.5 70.7	5106 5106	18N/03E-21G01M	104.0	10-05-70 3-04-71	20.4 18.9	83.6 85.1	5106 5106
	95.0	10-05-70 3-04-71	42.3 27.2	52.7 67.8	5106 5106	18N/03E-24A01M	115.0	10-05-70 3-04-71	13.0 20.7	102.0 94.3	5106 5106
17N/04E-08A01M	96.0	10-05-70 3-04-71	23.6 14.8	72.4 81.2	5106 5106	18N/04E-07A01M	153.0	10-05-70 3-04-71	3.4 DRY	149.6	5106 5106
17N/04E-08L01M	92.0	10-05-70 3-04-71	25.5 17.5	66.5 74.5	5106 5106	18N/04E-08M01M	145.0	10-05-70 3-04-71	(1) 35.0	110.0	5106 5106
17N/04E-16E01M	106.0	10-05-70 3-04-71	27.6 24.3	78.4 81.7	5106 5106	18N/04E-16C01M	201.0	10-05-70 3-04-71	78.6 77.6	122.4 123.4	5106 5106
17N/04E 18C01M	96.0	10-05-70 3-04-71	(7) (7)		5106 5106	18N/04E-28L01M	135.0	10-05-70 3-04-71	(1) 40.7	94.3	5106 5106
18N/01E-13A01M	77.0	10-06-70 3-05-71	5.0 5.5	72.0 71.5	5106 5106	18N/04E-30D01M	107.0	10-05-70 3-04-71	18.3 13.3	88.7 93.7	5106 5106
18N/01E-13M01M	77.0	10-06-70 3-05-71	7.9 7.8	69.1 69.2	5106 5106	18N/04E-32J01M	111.0	10-05-70 3-04-71	48.5 27.1	62.5 83.9	5106 5106
18N/01E-15D01M	70.0	10-06-70 3-05-71	3.2 3.5	66.8 66.5	5106 5106	19N/01E-15E01M	92.0	10-07-70 3-08-71	8.4 8.4	83.6 83.6	5106 5106
18N/01E-33N03M	64.0	10-06-70 3-05-71	8.1 7.5	55.9 56.5	5106 5106			_ 30 ,1			- 300
18N/02E-08D01M	86.0	10-06-70 3-05-71	7.6 7.9	78.4 78.1	5106 5106						

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUNO SURFACE ELEVATION IN FEET	OATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.0	3 (Continue	ed)	-			BUTTE COUNTY 5-21.0	3 (Continue	d)			
19N/O1E-28RO1M	80.0	10-22-70 11-24-70 12-23-70 12-22-71 2-24-71 3-25-71 4-23-71 5-26-71 6-24-71 7-28-71 8-27-71 9-29-71	5.9 6.1 4.1 4.5 5.7 5.9 6.1 4.3 4.5 3.8 3.6 4.6	74.1 73.9 75.9 75.5 74.3 74.1 73.9 75.7 75.5 76.2 76.4	5050 5050 5050 5050 5050 5050 5050 505	20N/02E-28N01M	118.0	10-22-70 11-24-70 12-23-70 1-22-71 2-23-71 3-25-71 4-23-71 5-26-71 6-25-71 8-27-71 9-29-71	5.6 5.0 3.1 3.4 5.2 5.2 5.3 5.2 5.2 5.2 4.7 5.0	112.4 113.0 114.9 114.6 112.8 112.7 112.8 112.7 112.8 113.3 113.0 113.1	5050 5050 5050 5050 5050 5050 5050 505
19N/02E-01A01M	125.0	10-06-70 3-05-71	15.2 8.4	109.8 116.6	5106 5106	20N/03E-07H01M	190.0	10-06-70 3-05-71	49.8 45.3	140.2 144.7	5106 5106
19N/02E-07K01M	98.0	10-07-70 3-08-71	4.4 3.3	93.6 94.7	5106 5106	20N/03E-10B01M	270.0	10-06-70 3-05-71	4.0 3.7	266.0 266.3	5106 5106
19N/02E-17A01M	102.0	10-07-70 3-08-71	3.4 3.8	98.6 98.2	5106 5106	20N/03E-22A01M	265.0	10-06-70 3-05-71	3.8 3.1	261.2 261.9	5106 5106
19N/02E-34J01M	96.0	10-06-70 3-05-71	4.9 4.8	91.1 91.2	5106 5106	20N/03E-28N01M	150.0	10-21-70 11-24-70 12-23-70	35.2 35.0 34.6	114.8 115.0 115.4	5050 5050 5050
19N/03E-14B01M	201.5	10-05-70 3-04-71	88.8 88.3	112.7 113.2	5106 5106			1-22-71 2-24-71 3-25-71	34.2 32.9 32.8	115.8 117.1 117.2	5050 5050 5050
19N/03E-16P01M	170.0	10-05-70 3-04-71	63.5 62.9	106.5 107.1	5106 5106			4-23-71 5-26-71 6-25-71	31.2 31.0 30.9	118.8 119.0 119.1	5050 5050 5050
19N/03E-22A01M	183.0	10-05-70 3-04-71	59.0 52.5	124.0 130.5	5106 5106			7-28-71 8-27-71 9-29-71	31.8 32.7 33.6	118.2 117.3 116.4	5050 5050 5050
19N/03E-36A01M	145.0	10-05-70 3-04-71	28.5	116.5 121.2	5106 5106	20N/03E-32D01M	141.0	10-06-70 3-05-71	39.8 28.0	101.2 113.0	5106 5106
19N/04E-06E01M	275.0	10-05-70 3-04-71	87.7 85.9	187.3 189.1	5106 5106	20N/03E-34A01M	226.0	10-06-70 3-05-71	9.2 4.0	216.8 222.0	510 6 510 6
19N/04E-20D01M	193.0	10-05-70 3-04-71	54.5 48.7	138.5 144.3	5106 5106	20N/01W-03D01M	114.0	10-07-70 3-08-71	(7) 18.1	95.9	5106 5106
19N/04E-28Q01M 19N/04E-32P01M	248.0	10-05-70 3-04-71	21.7	226.3 230.5	5106 5106	20N/01W-15A01M	107.0	10-07-70 3-08-71	14.1 12.0	92.9 95.0	5106 5106
20N/01E-08C02M	187.0	10-05-70 3-04-71 10-07-70	56.5 50.7	130.5	5106 5106	20N/01W-26H01M	105.2	10-07-70 3-08-71	9.8 (1)	95.4	5106 5106
20N/01E-03C02H	128.9	3-08-71	7.9 6.0 17.4	106.7	5106 5106 5106	20N/01W-26H02M	105.6	10-07-70 3-08-71	8.6 9.0	97.0 96.6	5106 5106
20N/01E-11B02N 20N/01E-24R01M	114.0	3-08-71	11.1	111.5 117.8	5106	21N/01E-05G01M	149.0	10-22-70 11-24-70 12-23-70	19.8 17.5 16.8	129.2 131.5 132.2	5050 5050 5050
20N/01E-27P01M	101.0	3-08-71	4.3	109.7	5106			1-22-71 2-24-71 3-25-71	14.6 14.0 14.0	134.4 135.0 135.0	5050 5050 5050
20N/01E-35C01M	100.0	3-08-71	6.4	94.6	5106			4-23-71 5-26-71 6-25-71	14.0 17.0 16.8	135.0 132.0 132.2	5050 5050 5050
20N/02E-06Q01M	135.3	3-08-71 10-07-70	4.3	95.7 120.2	5106 5106			7-28-71 8-27-71 9-29-71	(8) 25.4 23.8	123.6 125.2	5050 5050 5050
20N/02E-07H02M	129.4	3-08-71 10-07-70	10.2 8.7	125.1	5106 5106	21N/01E-05M01M	141.0	10-07-70 3-09-71	17.8 11.0	123.2 130.0	5106 5106
20N/02E-09L01M	137.0	3-08-71 10-07-70	6.0	123.4	5106 5106	21N/01E-08A01M	152.1	10-07-70 3-09-71	21.5	130.6 134.9	5106 5106
20N/02E-10J01M	147.0	3-08-71 10-07-70	8.5	128.5	5106 5106	21N/01E-12K01M	187.0	10-08-70 3-09-71	25.9 48.3	161.1 138.7	5106 5106
20N/02E-12J01M	172.0	3-08-71 10-06-70	15.8 48.8	131.2	5106 5106	21N/01E-13K01M	177.0	10-07-70 3-08-71	43.2 46.8	133.8 130.2	5106 5106
20N/02E-13M01M	160.0	3-05-71	45.2 31.4	126.8	5106 5106	21N/01E-23C01M	160.5	10-07-70 3-09-71	34.5 35.8	126.0 124.7	5106 5106
20N/02E-17P01M	122.5	3-08-71	31.8	128.2	5106	21N/01E-27D01M	141.0	10-07-70 3-08-71	26.1 24.1	114.9 116.9	5106 5106
		3-08-71	2.7	119.8	5106						

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.0	3 (Continue	ed)				BUTTE COUNTY 5-21.0	3 (Continue	d)			
21N/01E-28M01M	135.0	10-22-70 11-24-70 12-23-70 1-22-71 2-24-71 3-25-71 4-23-71 5-26-71 6-25-71 7-28-71	21.9 20.7 19.2 16.6 15.4 16.0 16.3 21.0 25.4 (6)	113.1 114.3 115.8 118.4 119.6 119.0 118.7 114.0	5050 5050 5050 5050 5050 5050 5050 505	22N/01E-20K01M	165.5	10-22-70 11-24-70 12-23-70 1-22-71 2-24-71 3-25-71 4-23-71 5-26-71 6-25-71 7-28-71 8-27-71	28.8 27.8 26.2 24.5 23.0 22.3 21.8 27.7 31.0 33.5	136.7 137.7 139.3 141.0 142.5 143.2 143.7 137.8 134.5 132.0	50 50
21N/01E-31L01M	115.0	10-22-70 11-24-70 12-23-70 1-22-71	8.1 7.6 3.9 2.7	106.9 107.4 111.1 112.3	5050 5050 5050 5050	22N/01E-20L01M	159.0	9-29-71 10-07-70 3-09-71	31.7 26.8 20.4	133.8 132.2 138.6	5050 5106 5106
		2-24-71 3-25-71 4-23-71	4.5 4.6 5.4 6.8	110.5 110.4 109.6 108.2	5050 5050 5050 5050	22N/01E-21E01M	155.0	10-07-70 3-09-71	21.8 15.0	133.2 140.0	5106 5106
21N/01E-33A01M	135.0	5-26-71 6-25-71 7-28-71 8-27-71 9-29-71 10-07-70 3-08-71	8.5 9.1 8.5 8.3 25.2	106.5 105.9 106.5 106.7	5050 5050 5050 5050 5050 5106 5106	22N/01E-28J02M	176.0	10-22-70 11-24-70 12-23-70 1-22-71 2-24-71 3-25-71 4-23-71	21.5 20.4 18.7 17.1 16.1 16.1	154.5 155.6 157.3 158.9 159.9 159.9 160.0	5050 5050 5050 5050 5050 5050 5050
21N/02E-07C01M	203.0	10-08-70 3-09-71	67.4 71.0	135.6 132.0	5106 5106			5-26-71 6-25-71 7-28-71 8-27-71	17.8 19.5 21.2 22.6	158.2 156.5 154.8 153.4	5050 5050 5050 5050
21N/02E-08E02M	205.0	10-08-70 3-09-71 10-08-70	5.6 8.5 43.0	199.4 196.5	5106 5106 5106	22N/01E-29R01M	164.7	9-29-71 10-07-70 3-09-71	22.7 23.8 19.1	153.3 140.9 145.6	5050 5106 5106
21N/02E-08E03M 21N/02E-17G01M	185.0	3-09-71	43.3	161.7	5106	22N/01E-31J01M	147.0	10-07-70 3-09-71	16.2 14.0	130.8	5106 5106
21N/02E-26E02M	177.0	3-09-71	(1) 26.7	150.3	5106 5050	22N/02E-17E01M	281.0	10-08-70 3-09-71	(1) 65.8	215.2	5106 5106
		11-23-70 12-22-70 1-22-71 2-24-71	25.9 20.0 18.1 18.9	151.1 157.0 158.9 158.1	5050 5050 5050 5050	22N/01W-05M01M	149.9	10-09-70 3-10-71	20.6 15.6	129.3 134.3	5106 5106
		3-25-71 4-23-71 5-26-71 6-25-71	19.6 19.6 20.4 21.0	157.4 157.4 156.6 156.0	5050 5050 5050 5050	22N/01W-10C01M 22N/01W-12A01M	147.3 157.0	10-08-70 3-09-71 10-08-70	13.3 6.3	134.0 141.0	5106 5106 5106
		7-28-71 8-27-71 9-29-71	23.8 27.0 28.5	153.2 150.0 148.5	5050 5050 5050	22N/01W-12J01M	153.0	3-09-71 10-08-70 3-09-71	12.5 (1) 9.2	144.5	5106 5106 5106
21N/02E-26F01M	181.0	10-08-70 3-09-71	53.8 41.6	127.2 139.4	5106 5106	22N/01W-20A01M	145.0	10-08-70 3-09-71	18.7 18.4	126.3 126.6	5106 5106
21N/02E-29E01M 21N/02E-31K01M	155.5 146.0	10-07-70 3-08-71 10-07-70	15.8 13.2 22.6	139.7 142.3	5106 5106 5106	23N/01E-07D01M	262.0	10-09-70 3-10-71	71.7 46.6	190.3 215.4	5106 5106
21N/02E-31R01N 21N/03E-31F02M	208.0	3-08-71 10-08-70	18.0 50.8	128.0 157.2	5106 5106	23N/01E-27J01M	297.0	10-08-70 3-10-71	136.2 130.3	160.8 166.7	5106 5106
21N/01W-01E01M	130.0	3-09-71 10-07-70 3-09-71	52.5 16.9 16.0	155.5 113.1 114.0	5106 5106 5106	23N/01E-28F01M 23N/01E-29H01M	215.0	10-08-70 3-10-71 10-08-70	59.0 56.7 35.8	156.0 158.3	5106 5106 5106
21N/01W-23J01M	117.0	10-07-70 3-08-71	11.8	105.2 108.3	5106 5106	23N/01E-29K01M	209.2	3-10-71 10-08-70	7.1 9.4	208.9	5106 5106
21N/01W-26K01M	115.3	10-07-70 3-08-71	17.8 13.5	97.5 101.8	5106 5106	23N/01E-29P01M	203.0	3-10-71 10-22-70 11-24-70	35.8 35.7	203.0 167.2 167.3	5106 5050 5050
21N/01W-36A01M	115.0	10-07-70 3-08-71	3.9 4.1	111.1 110.9	5106 5106			12-23-70 12-23-71 1-22-71 2-24-71	33.8 31.2 30.2	169.2 171.8 172.8	5050 5050 5050
22N/01E-02R01M	218.0	10-08-70 3-10-71	66.5	151.5 157.1	5106 5106			3-25-71 4-23-71 5-26-71	34.4 31.2 35.2	168.6 171.8 167.8	5050 5050 5050
22N/01E-09J02M 22N/01E-16K02M	178.0	10-08-70 3-09-71 10-08-70	30.2 22.5 40.7	147.8 155.5	5106 5106			6-25-71 7-28-71 8-27-71 9-29-71	31.7 40.2 (1) 49.8 38.2	171.3 168.2 153.2 164.8	5050 5050 5050 5050
22N/01E-10K02M 22N/01E-19K01M	151.0	3-09-71 10-08-70 3-09-71	28.3 19.0 13.6	132.0 137.4	5106 5106 5106	23N/01E-33Q01M	218.0	10-08-70 3-10-71	57.5 52.7	160.5 165.3	5106 5106

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
BUTTE COUNTY 5-21.0	3 (Continue	ed)				COLUSA COUNTY 5-21.0	04 (Continu	ed)			
23N/01W-09E01M	181.0	10-09-70 3-10-71	29.4 22.0	151.6 159.0	5106 5106	13N/01W-36N01M	48.0	10-05-70 3-08-71	51.0 31.3	-3.0 16.7	5001 5001
23N/01W-14R01M	189.0	10-22-70 11-24-70 12-23-70 1-22-71 2-24-71 3-25-71 4-23-71 5-26-71 6-25-71 7-28-71 8-27-71 9-29-71	24.2 24.5 26.8 25.0 24.2 24.5 25.6 27.8 29.8 32.0 38.5 32.0	164.8 164.5 162.2 164.0 164.8 164.5 163.4 161.2 159.2 157.0 150.5	5050 5050 5050 5050 5050 5050 5050 505	13N/02W-04G01M	187.0	10-27-70 11-23-70 12-22-70 1-21-71 2-23-71 4-27-71 5-27-71 6-24-71 8-26-71 9-28-71	122.9 117.6 115.2 114.4 111.4 111.4 112.6 120.6 125.0 131.3 130.2	64.1 69.4 71.8 72.6 75.6 75.6 74.4 66.4 62.0 55.7 56.8 59.3	5050 5050 5050 5050 5050 5050 5050 505
23N/01W-18Q01M	164.9	10-09-70 3-10-71	18.4 13.4	146.5 151.5	5106 5106	13N/02W-04G03M	187.0	10-27-70 11-23-70	117.3 113.2	69.7 73.8	5050 5050
23 N/O 1W-22 CO2M	170.0	10-09-70 3-10-71	20.8 9.8	149.2 160.2	5106 5106			12-27-70 1-21-71 2-23-71	110.0 108.5 107.3	77.0 78.5 79.7	5050 5050 5050
23N/01W-27K01M	162.4	10-09-70 3-10-71	12.5 8.6	149.9 153.8	5106 5106			3-24-71 4-27-71 5-27-71	107.7 108.9 115.9	79.3 78.1 71.1	5050 5050 5050
23N/01W-33A01M	153.0	10-09-70 3-10-71	15.2 8.0	137.8 145.0	5106 5106			6-24-71 7-27-71 8-26-71	119.2 124.1 122.7	67.8 62.9 64.3	5050 5050 5050
23N/01W-36P01M	162.0	10-09-70 3-10-71	18.9 13.2	143.1 148.8	5106 5106	13n/02W-05H03M	210.0	9-28-71 10-05-70	121.0 197.0	66.0 13.0	5050 5001
23N/02W-13A01M	166.8	10 09-70 3-10-71	17.5 13.3	149.3 153.5	5106 5106	13N/02W-11M01M	185.0	3-08-71 10-05-70	(1) 121.2	63.8	5001
23N/02W-23K02M	160.9	10-09-70 3-10-71	17.7 14.5	143.2 146.4	5106 5106	13N/02W-12L01M	133.0	3-08-71 10-06-70	114.1	70.9 12.6	5001
23 N/02W-25C0 1M	155.0	10-09-70 3-10-71	21.5 16.6	133.5 138.4	5106 5106	13n/02w-13r01m	142.0	3-09-71	101.7	31.3 8.9	5001
COLUSA COUNTY 5-21.0	04					13N/02W-21N01M	357.0	3-09-71 10-06-70	113.6 303.0	28.4 54.0	5001
13N/01E-11A01M	31.8	10-29-70 3-02-71	7.3 4.5	24.5 27.3	5050 5050	13N/02W-22H01M	245.0	3-08-71 10-05-70	(7) 138.1	106.9	5001
13N/01E-32Q01M	23.0	10-29-70 11-23-70	9.6 9.4	13.4 13.6	5050 5050	13N/02W-25F01M	189.0	3-08-71 10-05-70	136.6 135.6	108.4	5001 5001
		12-27-70 1-21-71 2-23-71 3-24-71 4-27-71 5-27-71 6-24-71 7-27-71 8-26-71 9-28-71	5.9 6.9 7.4 8.0 7.0 8.5 9.3 9.8 9.3	17.1 16.1 15.6 15.0 16.0 14.5 13.7 13.2 13.7	5050 5050 5050 5050 5050 5050 5050 505	14n/01E-33R01M	32.1	3-08-71 10-29-70 11-23-70 12-22-70 1-21-71 2-23-71 3-24-71 4-27-71 5-27-71 6-21-71	125.9 10.4 10.1 8.1 7.0 7.2 7.5 6.7 7.0 7.0	63.1 21.7 22.0 24.0 25.1 24.9 24.6 25.4 25.1	5001 5050 5050 5050 5050 5050 5050 5050 5050 5050
13N/01W-05R01M	41.7	10-06-70 3-09-71	21.5 17.9	20.2 23.8	5001 5001			7-27-71 8-26-71 9-28-71	9.3 11.7 10.4	27.8 20.4 21.7	5050 5050 5050
13N/01W-08M01M	75.0	10-06-70 3-09-71	(1) 52.9	22.1	5001 5001	14N/01E-34R01M	32.2	10-29-70 3-02-71	7.5 5.9	24.7 26.3	5050 5050 5050
13N/01W-08Q02M	56.0	10-06-70 3-09-71	49.2 30.9	6.8 25.1	5001 5001	14N/01W-03L02M	39.0	10-28-70 3-02-71	25.1 9.7	13.9	5050 5050
13N/01W-15N03M	43.0	10-06-70 3-09-71	37.0 23.0	6.0 20.0	5001 5001	14N/01W-04K03M	35.0	10-28-70 3-02-71	11.3 5.5	23.7	5050 5050
13n/01w-16n03m	56.0	10-06-70 3-09-71	50.1 36.4	5.9 19.6	5001 5001	14N/01W-12A01M	36.0	10-29-70 3-02-71	14.4 7.2	21.6 28.8	5050 5050
13N/01w-22P02M	58.0	10-06-70 3-09-71	53.5 42.5	4.5 15.5	5001 5001	14N/01W-32R01M	32.0	10-06-70 3-09-71	12.0 10.4	20.0	5001 5001
13N/01W-23F02M	40.0	10-06-70 3-09-71	41.4 21.9	-1.4 18.1	5001 5001	14N/02W-04B01M	79.0	10-06-70 3-09-71	16.6	62.4 63.0	5001
13N/01W-28E02M	91.0	10-06-70 3-09-71	94.5 72.9	-3.5 18.1	5001 5001	14N/02W-13N01M	60.0	10-06-70 3-09-71	42.4 26.5	17.6 33.5	5001 5001
13N/01W-34P01M	75.3	10-05-70 3-08-71	59.5 58.8	15.8 16.5	500 l 500 l			2-09-/1	40.3	JJ.J	2001

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLUSA COUNTY 5-21.	04 (Continu	ued)				COLUSA COUNTY 5-21.	04 (Contine	ied)			
14N/02W-16N02M	118.0	10-27-70 11-23-70 12-22-70	59.3 57.7 55.9	58.7 60.3 62.1	50 50 50 50 50 50	16N/01W-20F01M	59.0	10-28-70 3-03-71	22.7 14.4	36.3 44.6	5050 5050
		1-21-71 2-23-71 3-24-71	54.9 54.7 55.5	63.1 63.3 62.5	5050 5050 5050	16N/02W-09R01M	50.0	10-28-70 3-03-71	10.9 6.7	39.1 43.3	5050 5050
		4-27-71 5-27-71 6-24-71	54.7 56.5 61.0	63.3 61.5 57.0	5050 5050 5050	16N/02W-24N01M	56.0	10-28-70 3-03-71	17.5 12.6	38.5 43.4	5050 5050
		7-27-71 8-26-71 9-28-71	62.5 63.8 63.2	55.5 54.2 54.8	5050 5050 5050	16N/02W-25B02M	53.0	10-28-70 11-23-70 12-22-70	15.0 14.7 11.1	38.0 38.3 41.9	5050 5050 5050
14N/02W-23P01M	89.0	10-06-70 3-09-71	58.8 48.4	30.2 40.6	5001 5001			1-21-71 2-23-71 3-24-71	10.2 10.2 11.0	42.8 42.8 42.0	5050 5050 5050 5050
14N/02W-29J01M	160.0	10-27-70 3-02-71	99.8 93.6	60.2 66.4	5050 5050			4-27-71 5-27-71 6-24-71 7-27-71	13.0 14.4 16.7 17.3	40.0 38.6 36.3 35.7	5050 5050 5050
14N/02W-31N02M	283.0	10-05-70 3-08-71 (6	258.4 5) 255.3	24.6 27.7	5001 5001			8-26-71 9-28-71	17.8 16.0	35.2 37.0	5050 5050
14N/02W-34N01M	159.1	10-05-70 3-08-71	91.6 83.5	67.5 75.6	5001 5001	16N/02W-26L01M	47.0	10-28-70 3-03-71	6.5 4.0	40.5 43.0	5050 5050
14N/02W-36D01M	94.0	10-06-70 3-09-71	93.8 63.4	0.2 30.6	5001 5001	16N/03W-01A01M	62.8	10-28-70 3-03-71	3.8 5.5	59.0 57.3	5050 5050
14N/02W-36N02M	110.5	10-06-70 3-09-71	89.0 79.6	21.5 30.9	5001 5001	16N/03W-13E02M	63.0	10-28-70 3-03-71	4.8 2.6	58.2 60.4	5050 5050
14N/03W-01K01M	122.0	10-27-70 3-02-71	48.5 45.3	73.5 76.7	5050 5050	16N/03W-20P01M	91.0	10-27-70 11-23-70 12-22-70	6.6 7.0 5.5	84.4 84.0 85.5	5050 5050 5050
14N/03W-11A01M	136.0	10-27-70 3-02-71	69.6 62.0	66.4	5050 5050			1-21-71 2-23-71 3-24-71	5.9 7.2 7.0	85.1 83.8 84.0	5050 5050 5050
14N/03W-11G01M	140.0	10-27-70 3-02-71 10-27-70	76.1 69.7 68.3	63.9 70.3 66.7	5050 5050 5050			4-27-71 5-27-71 6-24-71 7-27-71	3.0 2.7 2.8 2.4	88.0 88.3 88.2 88.6	5050 5050 5050 5050
14N/03W-12F02M	123.0	3-02-71	62.0	73.0	5050			8-26-71 9-28-71	2.0	89.0 85.0	5050 5050
14N/03W-14Q02M	171.0	3-08-71	49.9	73.1	5001	16N/03W-35N02M	73.0	10-27-70 3-02-71	11.8 8.0	61.2 65.0	5050 5050
14N/03W-24C01M	170.0	3-02-71 10-05-70	133.7	37.3 59.6	5050 5001	16N/04W-11A01M	139.5	10-27-70 3-02-71	14.5 16.3	125.0 123.2	5050 5050
14N/03W-36B01M	275.0	3-08-71 10-05-70	105.8	64.2	5001	16N/04W-23E01M	148.0	10-27-70 3-02-71	6.3 1.5	141.7 146.5	5050 5050
15N/02W-13H01M	39.0	3-08-71 10-28-70	112.0 4.9	163.0 34.1	5001 5050	17N/01W-06R01M	70.0	10-29-70 3-03-71	19.2 13.9	50.8 56.1	5050 5050
15N/02W-20A01M	63.1	3-02-71	1.9	35.8	5050	17N/02W-30F01M	60.0	10-28-70 3-03-71	6.6 7.4	53.4 52.6	5050 5050
15N/03W-18J01M	118.5	3-02-71	7.9	110.6	5050	17N/02W-34R02M	60.0	10-28-70 3-03-71	16.5 12.3	43.5 47.7	5050 5050
15N/03W-27G01M	111.4	3-08-71 10-05-70 3-08-71	7.9 9.4 16.6	110.6 102.0 94.8	5001 5001 5001	17N/03W-10C01M 17N/03W-18H01M	94.2	10-27-70 3-02-71 10-27-70	6.6 7.1	87.6 87.1 112.8	5050 5050 5050
15N/03W-32B01M	150.0	10-05-70 3-08-71	29.8 30.6	120.2 119.4	5001	17N/03W-18R01M	115.0	3-02-71	9.0	116.0	5050
15N/03W-33N02M	164.0	10-27-70 11-23-70	61.4	102.6 105.2	5050 5050	17N/03W-23B01N	121.5	3-02-71	10.9	104.1	5050
		12-22-70 1-21-71 2-23-71	57.3 56.2 55.4	106.7 107.8 108.6	5050 5050 5050	17N/03w-33N01M	101.0	3-02-71 10-27-70	6.8	114.7	5050
		3-24-71 4-27-71 5-27-71	59.8 55.2 60.9	104.2 108.8 103.1	5050 5050 5050	17N/04W-25G01M	127.0	3-10-71 10-27-70	9.0	92.0	5050
		6-24-71 7-27-71 8-26-71	67.4 85.7 84.8	96.6 78.3 79.2	5050 5050 5050	17N/04W-34G01M	175.0	3-02-71	11.3	113.6	5050
15N/04W-14J01M	155.7	9-28-71 10-06-70 3-08-71	63.0 15.3 13.3	101.0 140.4 142.4	5050 5001 5001	18N/01W-32P01M	76.0	3-02-71 10-29-70 3-03-71	8.4 19.6 14.1	166.6 56.4 61.9	5050 5050 5050
		3-00-/1	13.3	174.4	2001			3-03-71	14.1	01.7	5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLUSA COUNTY 5-21.	04 (Continu	ıed)				SUTTER COUNTY 5-21.	05 (Continu	ied)		•	
18N/01W-35K01M	60.0	10-29-70 3-03-71	3.5 3.9	56.5 56.1	5050 5050	11n/04E-34n01M	25.0	10-19-70 3-17-71	20.3 18.3	4.7 6.7	5050 5050
18N/02W-19A01M	78.1	10-28-70 3-03-71	3.5 4.5	74.6 73.6	5050 5050	11N/04E-35J01M	39.0	10-21-70 3-22-71	69.8 59.4	-30.8 -20.4	5102 5102
18N/02W-36B01M	73.0	10-28-70 3-03-71	10.5 7.6	62.5 65.4	5050 5050	12N/01E-01A01M	26.9	10-15-70 3-24-71	5.8	21.1	5102 5102
SUTTER COUNTY 5-21.	05					12N/02E-11P02M	20.0	10-15-70 3-24-71	6.1	13.9	5102 5102
10N/04E-02K01M	25.0	10-19-70	37.7	-12.7	5050	12N/02E-20P01M	25.0	10-15-70	11.8	13.2	5102
		10-21-70 3-17-71 3-22-71	37.6 32.7 30.9	-12.6 -7.7 -5.9	5102 5050 5102	12N/02E-23K01M	20.0	3-24-71 10-15-70	5.0 4.0	20.0	5102 5102
10N/04E-12A01M	43.1	10-21-70 3-22-71	65.6 59.4	-22.5 -16.3	5102 5102			10-20-70 3-18-71 3-24-71	4.9 4.1 4.1	15.1 15.9 15.9	5050 5050 5102
11N/03E-01D01M	25.6	10-20-70 3-22-71	8.8 5.9	16.8 19.7	5102 5102	12N/03E-12C01M	29.5	10-15-70 3-24 - 71	9.8 8.5	19.7 21.0	5102 5102
11N/03E-03C02M	26.4	10-20-70 3-22-71	10.4 6.0	16.0 20.4	5102 5102	12N/03E-23N01M	30.0	10-20-70 3-22-71	(1) 7.2	22.8	5102 5102
11N/03E-08N01M	18.0	10-20-70 3-18-71	(4) 3.5	14.5	5050 5050	12N/03E-24A01M	24.5	10-20-70 3-22-71	13.3	11.2 19.5	5102 5102
11N/03E-10N01M	28.5	10-20-70 3-22-71	14.7 7.0	13.8 21.5	5102 5102	12N/03E-24Q01M	30.0	10-20-70 3-22-71	12.3	17.7	5102 5102
11N/03E-15C01M	28.7	10-20-70 3-22-71	14.3	14.4 22.5	5102 5102	12N/03E-30H01M	18.8	10-15-70 3-24-71	4.6 (9)	14.2	5102 5102 5102
11N/03E-20H03M	27.0	10-15-70 3-24-71	10.6	16.4 21.3	5102 5102	12N/04E-02B01M	56.0	10-20-70	13.4 11.4	42.6	5401
11N/03E-22H01M	27.0	10-20-70 3-22-71	17.1	9.9	5102	12N/04E-03R01M	52.0	3-20-71	16.7	35.3	5102
11N/04E-01M02M	45.5	10-19-70	34.7	10.8	5050	12N/04E-05R04M	41.0	3-22-71	20.0	37.7 21.0	5102 5401
11N/04E-01M03M	46.3	3-17-71	29.3 35.1	16.2	5050 5102	12N/04E-08D03M	34.0	3-20-71 10-20-70	29.0	5.0	5401
11N/04E-03P02M	35.0	3-22-71	30.8	0.9	5102	12N/04E-10D02M	48.0	3-20-71 10-17-70	9.4	24.6 35.9	5401
11N/04E-05B02M	26.8	3-22-71 10-21-70	23.1	11.9	5102 5401	12N/04E-13C01M	50.7	3-20-71 10-20-70	10.0	38.0 36.0	5401 5102
11N/04E-06B01M	23.9	3-20-71 10-20-70	5.1 6.7	21.7 17.2	5401 5102	12N/04E-14P01M	41.0	3-22-71 10-20-70	13.5	37.2 34.8	5102 5102
		10-20-70 3-17-71 3-22-71	6.6 3.7 4.2	17.3 20.2 19.7	5050 5050 5102	12N/04E-15M01M	41.0	3-22-71 10-17-70	4.3 8.8	36.7 32.2	5102 5401
11N/04E-09D02M	28.0	10-20-70 3-17-71	14.5 10.9	13.5 17.1	5050 5050	12N/04E-16A04M	40.0	3-20-71 10-17-70	5.1 11.3	35.9 28.7	5401 5401
11N/04E-11C02M	41.9	10-21-70 3-22-71	32.3 28.0	9.6 13.9	5102 5102	12N/04E-17D01M	32.0	3-20-71	9.0	31.0	5401
11N/04E-13D01M	47.4	10-21-70 3-22-71	(1) 49.4	-2.0	5102 5102	12N/04E-17J01M	32.0	3-20-71	11.4	20.6	5401
11N/04E-13R01M	50.0	10-21-70	(2)	-2.0	5401	12N/ 04E-1/301N	32.0	10-20-70 3-17-71	11.0 6.7	21.0 25.3	5102 5050
11n/04E-15C01M	30.9	3-20-71 10-21-70 3-22-71	(2) 33.3	-2.4	5401 5102	12N/04E-18D01M	31.4	3-22-71	18.1	13.3	5102 5102
11N/04E-15Q01M	33.1	10-21-70	(4)	8.8	5401	12N/04E-20C01M	32.0	3-22-71	12.6	23.0 19.4	5401
11N/04E-19E02M	29.0	3-20-71	36.3	-3.2 16.3	5401 5102	12N/04E-20P01M	29.0	3-20-71	(9)	17.8	5401
11N/04E-23J01M	41.0	3-22-71	10.8	-28.3	5102	12N/04E-24M02M	52.0	3-20-71 10-17-70	16.0	36.0	5401
11N/04E-24R01M	47.0	3-22-71 10-21-70	62.6 75.4	-21.6 -28.4	5102 5401	12N/04E-28H01M	36.0	3-10-71 10-20-70	14.6 6.2	37.4 29.8	5401 5102
11N/04E-33J01M	25.6	3-20-71 10-21-70	66.4 22.0	-19.4 3.6	5401 5102	12N/04E-33L01M	31.0	3-22-71 10-21-70	5.3 13.3	30.7 17.7	5102 5102
		3-22-71	15.5	10.1	5102			3-22-71	5.6	25.4	5102

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.	05 (Continu	ied)				SUTTER COUNTY 5-21.	05 (Continu	ed)			
12N/04E-34H01M	38.0	10-17-70 3-20-71	12.7 6.7	25.3 31.3	5401 5401	13N/04E-26R01M	59.0	10-20-70 3-22-71	30.5 24.0	28.5 35.0	5102 5102
12N/04E-35H01M	48.4	10-30-70 11-30-70 12-30-70	27.4 26.8 24.8	21.0 21.6 23.6	5050 5050 5050	13N/04E-28R01M	48.0	10-20-70 3-20-71	29.9	18.1 27.5	5401 5401
		1-28-71 2-28-71 3-31-71	24.2 24.2 24.5	24.2 24.2 23.9	5050 5050 5050	13N/04E-29A02M	40.0	10-20-70 3-20-71	17.7 9.8	22.3 30.2	5401 5401
12N/04E-35H02M	48.4	10-21-70 3 - 22 -7 1	28.0 23.3	20.4 25.1	5102 5102	13N/04E-29F01M	39.0	10-20-70 3-22-71	18.9 10.5	20.1 28.5	5102 5102
12N/04E-36Q01M	48.0	10-21-70 3-25-71	32.8 31.2	15.2 16.8	5102 5102	13N/04E-31R01M	35.0	10-20-70 3-20-71	(5) (5)		5401 5401
13N/01E-01J01M	39.0	10-15-70 3-24-71	11.1 1.3	27.9 37.7	5102 5102	13N/04E-32G01M	45.0	10-20-70 3-20-71	20.4 15.3	24.6 29.7	5401 5401
13N/01E-12J02M	38.0	10-15-70 3-24-71	15.7 11.6	22.3 26.4	5102 5102	13N/04E-36E01M	60.0	10-19-70 10-20-70 3-16-71 3-22-71	28.2 (8) 22.6 22.0	31.8 37.4 38.0	5050 5102 5050 5102
13N/01E-23B01M	35.6	10-15-70 3-24-71	14.0 9.8	21.6 25.8	5102 5102	13N/05E-08E01M	78.0	10-16-70	40.0	38.0	5102
13N/02E-23B02M	26.0	10-20-70 3-18-71	5.7 5.2	20.3	5050 5050	13N/05E-09R01M	83.5	3-16-71	25.0	58.5	5102
13N/02E-34M01M	21.0	10-15-70 10-20-70 3-18-71	7.8 7.6 8.2	13.2 13.4 12.8	5102 5050 5050	13N/05E-17G01M	74.0	3-16-71 10-20-70 3-20-71	(3) 16.4	62.3 57.6	5401 5401
13N/03E-02H01M	42.9	3-24-71	13.8	29.1	5102	13N/05E-17R01M	70.0	10-16-70 3-16-71	22.8 20.2	47.2 49.8	5102 5102
13N/03E-04J01M	38.0	3-24-71 10-23-70	15.6	27.3	5102 5102	13N/05E-18C01M	69.6	3-20-71	20.5	49.1	5401
13N/03E-06K01M	33.7	3-25-71 10-10-70	8.8	29.2	5102 5102	13N/05E-21R03M	80.0	10-20-70 3-20-71	21.2 20.0	58.8 60.0	5401 5401
		3-25-71	7.5	26.2	5102	13N/05E-28N01M	80.2	10-20-70 3-22-71	44.2 23.2	36.0 57.0	5102 5102
13N/03E-08M02M	33.0	10 23-70 3-25-71	4.9 5.0	28.1 28.0	5102 5102	13N/05E-30A01M	70.5	10-20-70 3-22-71	25.9 23.4	44.6 47.1	5102 5102
13N/03E-13D01M	38.8	10-15-70 3-24-71	(9) 8.6	30.2	5102 5102	13N/05E-31K01M	68.0	10-20-70 3-21-71	19.4 18.9	48.6 49.1	5401 5401
13N/03E-14C02M	36.0	10-15-70 3-24-71	9.3 6.3	26.7 29.7	5102 5102	14N/01E-02B01M	36.7	10-14-70 3-24-71	6.6 4.9	30.1 31.8	5102 5102
13N/03E-16A01M	34.6	10-23-70 3-25-71	8.4 5.7	26.2 28.9	5102 5102	14N/01E-08A06M	39.0	10-14-70 3-24-71	(4) 4.8	34.2	5102 5102
13N/03E-23K01M	35.0	10-15-70 10-20-70 3-18-71 3-24-71	8.8 8.5 6.8 7.5	26.2 26.5 28.2 27.5	5102 5050 5050 5102	14N/01E-14G01M	37.0	10-14-70 10-20-70 3-18-71	5.3 6.2 3.1	31.7 30.8 33.9	5102 5050 5050
13N/03E-24D01M	36.2	10-15-70 3-24-71	10.4 5.9	25.8 30.3	5102 5102	14N/01E-24Q01M	37.0	3-24-71 10-14-70	5.1 7.1	31.9 29.9	5102 5102
13N/0,3E-32N01M	23.0	10-20-70 3-18-71	4.8 4.9	18.2 18.1	5050 5050	14N/02E-14B01M	38.0	3-24-71 10-23-70	8.9 4.4	28.1	5102 5102
13N/03E-35K02M	33.0	10-15-70 3-24-71	8.7 7.3	24.3 25.7	5102 5102	14N/02E-17A02M	34.0	3-23-71 10-14-70	6.5 9.1	31.5	5102
13N/04E-13D01M	62.0	10-16-70 3-16-71	21.5 18.2	40.5 43.8	5401 5401	14N/02E-26R01M	33.0	3-24-71 10-23-70	6.3 4.8	27.7	5102 5102
13N/04E-13R01M	69.1	10-16-70 3-16-71	27.7 25.7	41.4 43.4	5102 5102	14N/02E-20K01M	31.0	3-25-71	6.5	26.5	5102
13N/04E-16N01M	43.4	10-20-70	20.4	23.0	5102			3-24-71	5.1	25.9	5102
13N/04E-22D01M	50.0	3-22-71	24.0	26.0	5401	14N/03E-05C01M	49.1	10-23-70 3-23-71	29.4	19.7 25.8	5102
13N/04E-22G01M	54.5	3-20-71 10-20-70	17.7 29.8	32.3	5401 5102	14N/03E-10P03M	48.0	10-23-70 3-25-71	31.0 26.9	17.0 21.1	5102 5102
13N/04E-23A02M	57.0	3-22-71	22.3	32.2	5102	14N/03E-14E02M	47.0	10-23-70 3-23-71	25.9 15.8	21.1 31.2	5102 5102
23M 078-23M04M	51.0	3-20-71	16.0	41.0	5401	14N/03E-17A03M	46.0	10-20-70 3-18-71	29.4 27.1	16.6 18.9	5050 5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SUTTER COUNTY 5-21.	05 (Continu	ied)		-		SUTTER COUNTY 5-21.	05 (Continu	ed)			
14N/03E-18D01M	41.0	10-23-70 3-23-71	7.6 5.2	33.4 35.8	5102 5102	16N/02E-26Q01M	67.0	10-14-70 3-26-71	14.8 12.8	52.2 54.2	5102 5102
14N/03E-22B02M	46.6	10-23-70 3-23-71	20.7 18.0	25.9 28.6	5102 5102	16N/03E-07D02M	73.0	10-14-70 3-26-71	10.7 8.2	62.3 64.8	5102 5102
14N/03E-31B01M	38.0	10-23-70 3-25-71	9.3 6.1	28.7 31.9	5102 5102	16N/03E-21D01M	69.5	10-14-70 3-26-71	9.8 8.2	59.7 61.3	5102 5102
14N/03E-33C01M	38.6	10-20-70 3-18-71	10.3 9.1	28.3 29.5	5050 5050	16N/03E-21D02M	70.0	10-20-70 3-17 - 71	10.5 10.5	59.5 59.5	5050 5050
15N/01E-12A01M	98.0	3-23-71	(9)		5102	16N/03E-33J02M	65.4	10-14-70	24.2	41.2	5102
15N/01E-13A01M	56.0	10-14-70 3-23-71	24.3 18.8	31.7 37.2	5102 5102	17N/01E-25J01M	75.5	3-26-71	19.6	45.8 35.4	5102
15N/01E-14F01M	51.0	10-14-70 3-24-71	18.8 12.0	32.2 39.0	5102 5102	17N/01E-33G01M	68.0	3-24-71 10-14-70	24.6	50.9 47.7	5102 5102
15N/01E-16R01M	40.5	10-14-70 10-20-70 3-18-71	8.4 8.3 5.7	32.1 32.2 34.8	5102 5050 5050	17N/02E-31A01M	86.0	3-24-71 10-14-70 3-26-71	17.1 44.3 30.3	50.9 41.7 55.7	5102 5102 5102
15N/02E-10D02M	71.0	3-24-71 10-14-70 3-23-71	5.6 29.9 24.0	34.9 41.1 47.0	5102 5102 5102	17N/02E-34A01M	74.6	10-14-70 10-20-70 3-17-71	6.1 4.4 4.6	68.5 70.2 70.0	5102 5050 5050
15N/02E-22D01M	46.0	10-20-70 3-18-71	8.6 8.8	37.4 37.2	5050 5050	17N/03E-30N01M	77.8	3-26-71	10.8	68.9	5102 5102
15N/02E-24B01M	51.0	10-17-70 3-23-71	12.3 11.2	38.7 39.8	5102 5102	17N/03E-33P01M	77.0	3-26-71	7.8	70.0 64.1	5102
15N/02E-25A01M	48.0	10-17-70	(4)		5102			3-26-71	9.7	67.3	5102
15N/02E-28D02M	40.0	3-23-71	7.0	33.0	5102	YUBA COUNTY 5-21.06					
15N/02E-35D01M	42.5	10-17-70 3-23-71	7.5 6.5	35.0 36.0	5102 5102	13N/04E-01Q01M	62.0	10-17-70 3-15-71	50.3 36.2	11.7 25.8	5103 5103
15N/02E-36A01M	44.5	10-23-70 3-23-71	10.2 8.0	34.3 36.5	5102 5102	13N/04E-02C01M	65.0	10-17∉70 3-15-71	68.7 52.3	-3.7 12.7	5103 5103
15N/03E-05D02M	59.6	10-14-70 3-25-71	18.2 8.6	41.4 51.0	5102 5102	13N/04E-04H01M	56.0	10-17-70 3-15-71	55.1 42.6	0.9 13.4	5103 5103
15N/03E-10G01M	61.0	10-14-70 3-26-71	27.0 (2)	34.0	5102 5102	13N/04E-07E01M	38.7	10-22-70 3-15-71	13.5 10.0	25.2 28.7	5103 5103
15N/03E-15H04M	59.0	10-14-70 3-26-71	24.8 22.2	34.2 36.8	5102 5102	13N/04E-09R01M	49.0	10-17-70 3-15-71	(1) 33.8	15.2	5103 5103
15N/03E-17B02M	55.0	10-17-70 3-23-71	26.5 21.6	28.5 33.4	5102 5102	13N/04E-17P01M	41.1	10-22-70 3-15-71	15.4 10.7	25.7 30.4	5103 5103
15N/03E-20R01M	52.7	10-17-70 3-23-71	27.9 22.6	24.8 30.1	5102 5102	13N/04E-20B02M	41.3	10-22-70 3-16-71	17.3 10.0	24.0 31.3	5050 5050
15N/03E-21H02M	51.0	10-15-70 10-20-70	26.7 27.2	24.3 23.8	5102 5050	13N/05E-04J01M	83.0	10-17-70 3-15-71	31.8 23.6	51.2 59.4	5103 5103
		3-17-71 3-23-71	23.7 23.5	27.3 27.5	5050 5102	13N/05E-06E01M	62.8	10-17-70 3-15-71	51.0 40.9	11.8 21.9	5103 5103
15N/03E-26M01M	51.2	10-15-70 3-25-71	25.4 17.7	25.8 33.5	5102 5102	13N/05E-08B01M	76.1	10-17-70 3-15-71	27.7 21.6	48.4 54.5	5103 5103
15N/03E-33N04M	48.0	10-23-70 3-23-71	29.8 25.1	18.2 22.9	5102 5102	14N/03E-12F01M	52.0	10-22-70 3-15-71	29.4 21.3	22.6	5103 5103
15N/03E-34L01M	52.0	10-15-70 3-25-71	30.5 26.2	21.5 25.8	5102 5102	14N/03E-24B01M	48.2	10-22-70	37.7	10.5	5103
15N/01W-25A01M	50.0	10-14-70 3-24-71	(4) 6.9	43.1	5102 5102	14N/03E-25C02M	48.0	3-15-71	28.6	19.6	5103
16N/01E-08C01M	58.0	10-14-70 3-24-71	15.6 8.4	42.4 49.6	5102 5102	14N/03E-36C02M	50.0	3-15-71	19.0	26.3 31.0	5103
16N/01E-18K01M	78.0	10-14-70 3-24-71	38.9 (6)	39.1	5102 5102	14N/04E-05J02M	62.0	3-15-71 10-27-70	9.0	41.0 -0.3	5103
16N/01E-31H01M	71.0	10-14-70 3-24-71	34.3 26.6	36.7 44.4	5102 5102	14N/04E-11H01M	71.5	3-17-71 10-19-70	(2) (1)		5103
16N/02E-02Q01M	71.0	10-14-70 3-26-71	6.2 5.9	64.8 65.1	5102 5102			3-16-71	87.3	-15.8	5103

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YUBA COUNTY 5-21.06	(Continued)				YUBA COUNTY 5-21.06	(Continued)				
14N/04E-13C01M	73.1	10-19-70 3-16-71	98.5 84.5	-25.4 -11.4	5103 5103	14N/05E-30Q01M (Continued)	77.2	6-30-71 7-30-71 8-30-71	91.9 94.4 96.5	-14.7 -17.2 -19.3	5050 5050 5050
14N/04E-15C05M	64.0	10-19-70 10-20-70 3-16-71	(4) 70.3 64.2	-6.3 -0.2	5103 5050 5050	14N/05E-34G01M	108.0	9-29-71	91.1 77.6	-13.9 30.4	5050 5050
14N/04E-18C01M	51.5	10-22-70 3-15-71	58.8 32.9	-7.3 18.6	5103 5103	15N/03E-01D05M	66.0	3-17-71 10-20-70 3-17-71	71.5 21.6 15.4	36.5 44.4 50.6	5050 5050 5050
14N/04E-20H01M	42.0	10-22-70 3-15-71	38.0 29.3	4.0 12.7	5103 5103	15N/03E-11C02M	60.0	10-27-70 3-17-71	22.7	37.3 46.5	5103 5103
14N/04E-23A01M	71.0	10-22-70 3-24-71	92.2 80.8	-21.2 -9.8	5103 5103	15N/03E-13F01M	56.0	10-21-70 3-17-71	20.2	35.8 40.3	5050 5050
14N/04E-24P01M	69.0	10-19-70 3-24-71	92.4 90.6	-23.4 -21.6	5103 5103	15N/03E-25J01M	57.0	10-19-70 3-16-71	19.7 19.7	37.3 37.3	5103 5103
14N/04E-28R01M	58.7	10-22-70 3-15-71	53.4 48.6	5.3 10.1	5103 5103	15N/04E-04R01M	85.4	10-19-70 3-17-71	36.7 32.7	48.7 52.7	5103 5103
14N/04E-30F01M	44.0	10-22-70 3-15-71	30.2 25.7	13.8 18.3	5103 5103	15N/04E-07H01M	69.0	10-22-70 3-17-71	17.1 15.9	51.9 53.1	5103 5103
14N/04E-30K01M	45.0	10-22-70 3-15-71	31.6 22.3	13.4 22.7	5103 5103	15N/04E-13A01M	89.0	10-19-70 3-17-71	65.1 52.5	23.9	5050 5050
14N/04E-30N01M	45.0	10-20-70 3-16-71	25.5 21.1	19.5 23.9	5050 5050	15N/04E-15A01M	78.5	10-19-70 3-17-71	38.9 29.9	39.6 48.6	5103 5103
14N/04E-32M01M	49.0	10-22-70 3-15-71	26.3 22.8	22.7 26.2	5103 5103	15N/04E-15R01M	81.0	10-19-70 3-17-71	44.8 46.8	36.2 34.2	5103 5103
14N/04E-35N01M	62.0	10-17-70 3-15-71	71.5 57.4	-9.5 4.6	5103 5103	15N/04E-16P01M	76.3	10-19-70 3-17-71	39.7 37.1	36.6 39.2	5103 5103
14N/04E-36G01M	68.8	10-17-70 3-15-71	76.8 68.1	-8.0 0.7	5103 5103	15N/04E+20E01M	71.0	10-19-70 3-17-71	31.0 29.5	40.0 41.5	5103 5103
14N/05E-05A01M	89.2	10-19-70 3-17-71	100.3 95.5	-11.1 -6.3	5103 5103	15N/04E-22P01M	72.0	10-19-70 3-17-71	61.2	10.8	5103 5103
14N/05E-06B01M	77.8	10-19-70 3-17-71	102.9 88.3	-25.1 -10.5	5103 5103	15N/04E-23A01M	83.0	10-19-70 3-17-71	(1) 60.6	22.4	5103 5103
14N/05E-08R01M	88.9	10-19-70 3-16-71	(1) 98.1	-9.2	5103 5103	15N/04E-24A01M	86.3	10-19-70 3-17-71	(7) 86.6	-0.3	5050 5050
14N/05E-12N01M	121.0	10-19-70 3-16-71	11.3 6.8	109.7 114.2	5050 5050	15N/04E-24B01M	85.0	10-19-70 3-17-71	97.2 83.1	-12.2 1.9	5050 5050
14N/05E-13C01M	121.0	10-19-70 3-16-71	27.7 24.2	93.3 96.8	5050 5050	15N/04E-24H01M	80.0	10-19-70 3-17-71	(1) 89.0	-9.0	5050 5050
14N/05E-15C01M	106.0	10-19-70 3-16-71	116.1 99.7	-10.1 6.3	5050 5050	15N/04E-24M01M	79.0	10-19-70 3-17-71	80.6 73.8	-1.6 5.2	5050 5050
14N/05E-16C02M	98.0	10-19-70 3-16-71	121.0 97.8	-23.0 0.2	5103 5103	15N/04E-25L02M	78.0	10-19-70 3-17-71	96.2 86.8	-18.2 -8.8	5103 5103
14N/05E-18A01M	86.2	10-19-70 3-16-71	(1) 100.1	-13.9	5103 5103	15N/04E-26C01M	75.0	10-19-70 3-17-71	83.1 70.6	-8.1 4.4	5103 5103
14N/05E-20D02M	86.0	10-19-70 3-16-71	111.0 94.4	-25.0 -8.4	5103 5103	15N/04E+27A01M	81.0	10-19-70 3-17-71	73.1 72.7	7.9 8.3	5103 5103
14N/05E-21R02M	92.5	10-19-70 3-16-71	112.0 91.2	-19.5 1.3	5103 5103	15N/04E-27J01M	71.0	10-19-70 3-16-71	70.4 67.7	0.6	5050 5050
14N/05E-26F01M	125.0	10-19-70 3-17-71	96.7 93.2	28.3 31.8	5050 5050	15N/04E-28D01M	77.1	10-19-70 3-17-71	64.5 56.7	12.6 20.4	5103 5103
14N/05E-27L02M	.92.0	10-19-70 3-16-71	69.0 76.0	23.0 16.0	5103 5103	15N/04E-32D01M	64.0	10-20-70 3-16-71	50.7 44.3	13.3 19.7	5050 5050
14N/05E-30Q01M	77.2	10-19-70 10-30-70 11-30-70	87.2 82.5 79.9	-10.0 -5.3 -2.7	5103 5050 5050	15N/04E-33D01M	70.0	3-17-71 3-17-71	41.0 57.5	23.0 12.5	5103 5103
		12-30-70 1-28-71	77.5 75.6	-0.3 1.6	5050 5050	15N/04E-34E01M	65.0	10-19-70	66.4	-1.4	5050
		2-28-71 3-27-71 3-31-71 4-29-71 5-30-71	73.8 72.8 72.4 83.9 83.5	3.4 4.4 4.8 -6.7 -6.3	5050 5103 5050 5050 5050	15N/04E-35P01M	68.0	3-16-71 10-19-70 3-16-71	59.6 (4) 74.7	-6.7	5050 5103 5103

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YUBA COUNTY 5-21.06	(Continued)				PLACER COUNTY 5-21.	07 (Continu	ed)			
15N/05E-06R01M	105.0	10-19-70 3-17-71	25.9 21.0	79.1 84.0	5050 5050	10N/05E-10J03M	87.0	10-13-70 3-18-71	96.6 84.9	-9.6 2.1	5107 5107
15N/05E-19N01M	80.0	10-19-70 3-17-71	101.8 92.4	-21.8 -12.4	5050 5050	10N/05E-12D01M	105.0	10-13-70 3-18-71	DRY 95.5	9.5	5107 5107
15N/05E-29C01M	91.0	10-19-70 3-16-71	99.8 98.2	-8.8 -7.2	5050 5050	10N/06E-03M01M	136.0	10-13-70 3-16-71	(7) 110.0	26.0	5107 5050
15N/05E-30B01M	88.0	10-19-70 3-17-71	102.3 95.4	-14.3 -7.4	5050 5050	10N/06E-05H01M	141.0	10-13-70 10-29-70	121.5 119.2	19.5 21.8	5107 5050
15N/05E-32G01M	90.0	10-19-70 3-16-71	(7) 101.1	-11.1	5050 5050			11-24-70 12-28-70 (1-26-71 (23.1 23.2 23.3	5050 5050 5050
15N/05E-33G01M	108.0	10-19-70 3-16-71	103.8 103.6	4.2	5050 5050			2-24-71 3-18-71 3-30-71	116.1 125.4 117.2	24.9 15.6 23.8	5050 5107 5050
16N/03E-01P02M	78.0	10-20-70 10-27-70 3-17-71 3-17-71	24.8 25.0 19.2 14.8	53.2 53.0 58.8 63.2	5050 5103 5050 5103			4-28-71 5-26-71 6-29-71 7-29-71 8-31-71	116.7 117.7 119.9 122.1 122.9	24.3 23.3 21.1 18.9 18.1	5050 5050 5050 5050 5050
16N/03E-14B02M	73.2	10-27-70 3-17-71	20.6 9.9	52.6 63.3	5103 5103	10N/06E-05L01M	134.0	9-30-71	121.3	19.7	5050
16N/03E-24A01M	69.0	10-27-70 3-17-71	18.8 9.7	50.2 59.3	5103 5103	10N/06E-07L01M	94.0	3-18-71 10-13-70	113.8 78.6	20.2 15.4	5107
16N/03E-26F01M	69.6	10-27-70 3-17-71	21.2 13.4	48.4 56.2	5103 5103	10N/06E-09D01M	142.0	3-18-71 10-13-70	65.5 (7)	28.5	5107 5107
16N/03E-36G01M	63.5	10-27-70 3-17-71	15.8 11.7	47.7 51.8	5103 5103	10N/06E-10C01M	146.4	3-18-71 10-13-70	106.2	35.8 19.9	5107 5107
16N/04E-08A01M	91.0	10-27-70 3-17-71	38.3 29.4	52.7 61.6	5103 5103	10N/06E-13C01M	188.7	3-15-71 10-13-70	122.2	24.2	5107 5107
16N/04E-16A01M	94.2	3-17-71	35.2	59.0	5103	10N/06E-17A01M	140.0	3-18-71 10-13-70	158.8	29.9 16.2	5107 5107
16N/04E-17R01M	81.0	10-20-70 3-17-71	10.9 11.2	70.1 69.8	5050 5050	10N/07E-07E02M	160.5	3-18-71	113.4	26.6	5107
16N/04E-27P02M	86.0	10-27-70 3-17-71	9.3 9.4	76.7 76.6	5103 5103			3-18-71	108.4	52.1	5107
16N/04E-28E01M	80.2	10-27-70 3-17-71	8.8 9.2	71.4 71.0	5103 5103	10N/07E-18J01M	195.0	3-16-71	151.6	43.4	5050 5050
16N/04E-33NO1M	79.6	10-27-70 3-17-71	10.1 9.9	69.5 69.7	5103 5103	11N/05E-03M03M	89.3	10-13-70 10-28-70 11-24-70	78.4 77.1 76.1	12.2 13.2	5050 5050
16N/04E-34Q01M	94.6	10-27-70	16.5	78.1	5103			12-28-70 1-26-71 2-24-71	75.1 74.5 73.7	14.2 14.8 15.6	5050 5050 5050
17N/03E-22R01M	85.5	10-27-70 3-17-71	27.5 (7)	58.0	5103 5103			3-16-71 3-30-71	73.7 73.0	15.6 16.3	5107 5050
17N/03E-26A02M	86.6	10-27-70 3-17-71	26.9 15.6	59.7 71.0	5103 5103			4-28-71 5-26-71 6-29-71	74.1 (7) 80.5	15.2 8.8	5050 5050 5050
17N/03E-35H02M	82.0	10-27-70 3-17-71	27.2 23.0	54.8 59.0	5103 5103			7-29-71 8-31-71 9-29-71	81.9 82.6 76.8	7.4 6.7 12.5	5050 5050 5050
17N/04E-27F01M	106.0	10-27-70 3-17-71	54.6 42.4	51.4 63.6	5103 5103	11N/05E-06H01M	59.0	10-13-70 3-16-71	45.6 41.6	13.4 17.4	5107 5107
17N/04E-30R01M	89.0	10-27-70 3-17-71	31.7 (7)	57.3	5103 5103	11N/05E-07H01M	63.0	10-13-70 3-16-71	60.6 73.7	2.4 -10.7	5107 5107
17N/04E-33Q01M	105.0	10-27-70 3-17-71	(1) 43.1	61.9	5103 5103	11N/05E-15G01M	74.7	10-13-70 3-18-71	66.3 60.2	8.4 14.5	5107 5107
17N/04E-35C01M	121.7	10-27-70 3-17-71	54.6 51.6	67.1 70.1	5103 5103	11N/05E-16H01M	88.0	10-13-70 3-18-71	83.7 79.3	4.3 8.7	5107 5107
PLACER COUNTY 5-21.	.07			'		11N/05E-17A04M	72.0	10-13-70 3-18-71	69.8 64.2	2.2 7.8	5107 5107
10N/05E-04Q01M	72.2	10-13-70 3-18-71	(9) 73.1	-0.9	5107 5107	11N/05E-18R01M	61.0	10-13-70 3-18-71	(1) 60.8	0.2	5401 5401
10N/05E-05E01M	55.0	10-13-70 3-18-71	81.1 70.6	-26.1 -15.6	5107 5107	11N/05E-20C01M	63.0	10-13-70 3-18-71	72.5 66.4	-9.5 -3.4	5107 5107
10N/05E-08L02M	51.5	10-13-70 3-18-71	64.3 61.2	-12.8 -9.7	5107 5107 5107	11N/05E-24J01M	106.0	10-19-70	(4)	3.7	5050
	· · · · · · · · · · · · · · · · · · ·	3-10*/1	01.2	-7./	5107						

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
PLACER COUNTY 5-21.	07 (Continu	ed)				PLACER COUNTY 5-21.	07 (Continu	ued)			
11N/05E-28C01M	70.0	10-13-70 3-18-71	74.0 73.4	-4.0 -3.4	5107 5107	12N/05E-14H01M	100.6	3-19-71	(8)		5107
11N/05E-29G02M	64.0	10-13-70 3-18-71	77.7 66.7	-13.7 -2.7	5107 5107	12N/05E-14R01M	103.4	10-23-70 3-19-71	75.1 71.2	28.3 32.2	5107 5107
11N/05E-31D03M	52.0	10-13-70	DRY		5107	12N/05E-15A01M	89.0	10-23-70 3-19-71	63.9 61.1	25.1 27.9	5107 5107
		3-18-71	38.8	13.2	5107	12N/05E-17A02M	75.0	10-23-70	55.0	20.0	5107
11N/05E-32R01M	70.0	10-13-70	(9) 81.4	-11.4	5107 5050			3-16-71	44.3	30.7	5107
		11-24-70 12-28-70	80.2 79.6	-10.2 -9.6	5050 5050	12N/05E-17D01M	66.5	10-23-70 10-28-70	36.1 34.9	30.4 31.6	5107 5050
		1-26-71	78.1	-8.1	5050	i		11-24-70	34.2	32.3	5050
		2-24-71	77.3	-7.3	5050			12-28-70	33.4	33.1	5050
		3-18-71 3-30-71	74.9 76.6	-4.9	5107			1-26-71	32.8	33.7	5050
		4-28-71	78.1	-6.6 -8.1	5050 5050			2-24-71 3-16-71	32.1 31.6	34.4 34.9	5050 5107
		5-26-71	78.8	-8.8	5050			3-30-71	31.3	35.2	5050
		6-29-71	81.0	-11.0	5050	ŀ		4-28-71	35.0	31.5	5050
		7-29-71 8-31-71	81.5 83.5	-11.5 -13.5	5050 5050				(1) 35.9 (1) 37.0	30.6 29.5	5050 5050
		9-29-71	82.6	-12.6	5050			7-29-71	34.0	32.5	5050
						ŀ		8-30-71	34.2	32.3	5050
11N/05E-34R03M	97.0	10-13-70 3-18-71	(9) 86.2	10.8	5107 5107			9-29-71	33.1	33.4	5050
		3-10-71	00.2	10.0	3107	12N/05E-18R01M	66.0	10-23-70	39.0	27.0	5107
11N/06E-06B01M	130.2	10-13-70 3-16-71	95.5 97.8	34.7 32.4	5107 5107			3-16-71	33.7	32.3	5107
11N/06E-10P01M	125.0	10-16-70 3-15-71	47.1 46.9	77.9 78.1	5107 5107	12N/05E-26D01M	90.0	10-23-70 3-19-71	70.9 59.8	19.1 30.2	5107 5107
11N/06E-11R01M	162.0	10-16-70	17.5	144.5	5107	12N/05E-26H02M	91.0	10-23-70 3-19-71	66.3 59.3	24.7 31.7	5107 5107
11N/06E-15C04M	116.0	3-15-71	17.3 70.3	144.7 45.7	5107 5107	12N/05E-28C01M	77.0	3-16-71	51.9	25.1	5050
		3-15-71	66.1	49.9	5107	12N/05E-29D01M	64.0	3-16-71	34.9	29.1	5107
11N/06E-16M02M 11N/06E-18P05M	112.0 85.0	3-18-71 10-13-70	(7) 58.9	26.1	5107 5107	12N/05E-31A01M	59.0	10 - 23-70 3-16-71	39.6 35.8	19.4 23.2	5401 5401
		3-18-71	53.8	31.2	5107	12N/05E-33C01M	67.0	10-23-70 3-16-71	52.2 47.7	14.8 19.3	5107 5107
11N/06E-28N01M 11N/06E-30F02M	148.0	3-18-71 10-19-70	128.5 96.8	19.5	5107 5050	12N/05E-35E02M	90.2	10-16-70 3-16-71	76.2 71.9	14.0 18.3	5107 5107
		3-15-71	94.6	10.4	5050	12N/06E-06A01M	123.5	10-16-70	(1)	10.5	5107
11N/06E-32F03M 11N/06E-34D01M	125.8	3-18-71	102.7	23.1	5107 5107	12N/06E-07M01M	109.7	3-16-71 10-23-70	34.3 57.7	89.2 52.0	5107 5107
		3-18-71	123.3	38.2	5107			3-19-71	50.3	59.4	5107
12N/05E-01D02M	97.8	10-23-70 3-19-71	40.9 (4)	56.9	5107 5107	12N/06E-11E01M	175.0	10-16-70 3-18-71	28.9 (1)	146.1	5107 5107
12N/05E-01R01M	112.5	10-23-70 3-19-71	(8) 37.2	75.3	5107 5107	12N/06E-14F01M	180.0	10-16-70 3-18-71	17.0 12.2	163.0 167.8	5107 5107
12N/05E-04F01M	77.0	10-23-70 3-16-71	39.5 32.5	37.5 44.5	5107 5107	12N/06E-16D01M	132.9	10-23-70 3-18-71	(5) (5)		5107 5107
12N/05E-06J03M	62.0	10-19-70 3-16-71	14.0 14.6	48.0 47.4	5050 5050	12N/06E-18L01M	112.5	10-23-70 3-19-71	(9) 45.2	67.3	5107 5107
12N/05E-06R01M	69.0	10-23-70 3-16-71	31.6 25.1	37.4 43.9	5107 5107	12N/06E-19P01M	114.0	10-19-70 3-16-71	65.0 60.8	49.0 53.2	5050 5050
12N/05E-07H01M	68.5	10-23-70	28.3	40.2	5107	12N/06E-20P03M	129.0	10-16-70	(1)		5107
12N/05E-12Q01M	106.0	3-16-71 10-23-70	26.9 59.2	41.6	5107 5107	12N/06E-27D01M	139.7	3-16-71	82.5 97.0	46.5	5107
		10-28-70 11-24-70 12-28-70	57.1 54.4 52.4	48.9 51.6 53.6	5050 5050 5050	12N/06E-27D02M	139.0	3-16-71 10-28-70	106.2 97.0	33.5	5107 5050
		1-26-71	51.1	54.9	5050	7511 00E-4 / DOZE		11-24-70	96.6	42.4	5050
		2-24-71	49.9	56.1	5050			12-28-70	96.3	42.7	5050
		3-19-71 3-30-71	49.5	56.5	5107			1-26-71	95.9	43.1	5050
		4-28-71	48.7 58.9	57.3 47.1	5050 5050			2-24-71 3-30-71	95.3 95.0	43.7 44.0	5050 5050
		5-26-71	53.2	52.8	5050			4-28-71	94.5	44.5	5050
		6-29-71 7-29-71	64.4 68.4	41.6 37.6	5050 5050			5-26-71	94.2 93.9	44.8 45.1	5050 5050
		8-30-71	67.9	38.1	5050			6-29-71 7-29-71	93.9	45.1	5050
		9-30-71	57.6	48.4	5050	l		8-30-71	93.3	45.7	5050
						I.		9-29-71	92.9	46.1	5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELE VATION	DATE	GROUND SURFACE TO WATER	WATER SURFACE ELEVATION	AGENCY SUPPLYING	STATE WELL NUMBER	GROUND SURFACE ELEVATION	DATE	GROUND SURFACE TO WATER	WATER SURFACE ELEVATION	AGENCY SUPPLYING
	IN FEET		SURFACE IN FEET	IN FEET	DATA		IN FEET		SURFACE IN FEET	IN FEET	DATA
PLACER COUNTY 5-21.	07 (Continu	red)				SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
12N/06E-28M01M	128.5	10-13-70 3-16-70	(1) 84.9	43.6	5107 5107	05N/05E-11B02M	21.8	10-15-70 3-18-71	(9) 39.9	-18.1	5001 5001
12N/06E-30L01M	108.3	3-16-71	60.5	47.8	5050	05N/05E-11N01M	17.9	10-14-70 3-17-71	35.5 28.0	-17.6 -10.1	5001 5001
12N/06E-32K01M	117.0	10-13-70 3-16-71	(1) 83.7	33.3	5107 5107	05N/05E-12N02M	14.0	10-16-70 3-18-71	24.7 14.4	-10.7 -0.4	5050 5050
13N/05E-01K01M	126.0	10-16-70 3-19-71	39.0 34.1	87.0 91.9	5107 5107	05N/05E-12N03M	14.0	10-16-70 3-18-71	34.8 22.5	-20.8 -8.5	5050 5050
13N/05E-03J01M	95.0	10-16-70 3-19-71	26.1 19.2	68.9 75.8	5107 5107	05N/05E-17A01M	9.6	10-15-70 3-18-71	19.3 18.9	-9.7 -9.3	5001 5001
13N/05E-10B01M	88.6	10-16-70 10-28-70 11-24-70	24.7 24.3 23.6 21.9	63.9 64.3 65.0	5107 5050 5050	05N/05E-22B01M	12.0	10-14-70 3-18-71	16.5 16.6	-4.5 -4.6	5001 5001
		12-28-70 1-26-71 2-24-71 3-19-71	21.9 21.1 20.7 24.3	66.7 67.5 67.9 64.3	5050 5050 5050 5107	05N/05E-25C01M	17.0	10-14-70 3-18-71	(9) (0)		5001 5001
		3-30-71 4-28-71 5-26-71	20.2 19.9 21.0	68.4 68.7 67.6	5050 5050 5050	05N/05E-35E01M	10.0	10-14-70 3-17-70	7.4 5.0	2.6 5.0	5001 5001
		6-29-71 7-29-71 8-30-71	21.6 22.2 22.1	67.0 66.4 66.5	5050 5050 5050	05N/06E-02C01M	50.0	10-13-70 3-15 - 71	90.7 69.6	-40.7 -19.6	4202 4202
13N/05E-22C03M	80.0	9-29-71 10-16-70	22.3 19.6	66.3	5050 5107	05N/06E-02M02M	50.0	10-20-70 4-05-71	78.7 76.1	-28.7 -26.1	5001 5001
13N/05E-24E02M	92.0	3-19-71 10-16-70	(1)	61.8	5107	05N/06E-04R02M	40.0	10-16-70 3-18-71	76.9 61.5	-36.9 -21.5	5050 5050
13N/05E-24J01M	101.3	3-19-71	26.0 40.1	66.0	5107	05N/06E-07Q02M	27.0	10-16-70 3-18-71	DRY 32.2	-5.2	5050 5050
13N/05E-34P01M	87.0	3-19-71 10-23-70 3-16-71	(8) 33.7 29.1	53.3 57.9	5107 5107 5107	05N/06E-08F01M 05N/06E-09M02M	30.0	10-16-70 3-18-71 10-16-70	47.3 43.7 59.7	-17.3 -13.7	5050 5050 5050
13N/05E-34R03M	90.0	10-23-70 3-16-71	36.2 30.4	53.8 59.6	5107 5107 5107	05N/06E-09M02M	47.3	3-18-71	57.4	-21.4	5050
13N/06E-06A01M	160.0	10-16-70 3-19-71	45.7 46.7	114.3 113.3	5107 5107	031/002 1010111	47.5	10-2 2 -70 3-18-71	83.0 75.0	-35.7 -27.7	5050 5050
13N/06E-09N02M	164.8	10-16-70 3-19-71	14.9 11.5	149.9 153.3	5107 5107	05N/06E-10P01M	41.3	10-15-70 3-15-71	90.2 79.7	-48.9 -38.4	5050 5050
13N/06E-19B01M	131.4	10-16-70 3-19-71	47.5 46.9	83.9 84.5	5107 5107	05N/06E-12R01M	64.0	10-20-70 4-05-71	105.3 88.6	-41.3 -24.6	5001 5001
13N/06E-30M01M	107.8	10-16-70 3-19-71	32.7 24.7	75.1 83.1	5107 5107	05N/06E-13R01M	63.5	10-20-70 4-05-71	(7) 92.2	-28.7	5001
13N/06E-33M01M	147.0	10-16-70	(1)		5107	05N/06E-14D01M	52.0	10-13-70 3-15-71	93.6 84.4	-41.6 -32.4	4202 4202
13N/06E-33M02M	140.5	10-16-70	(1)		5 1 07	05N/06E-15C02M	45.0	10-16-70 3-18-71	DRY 81.3	-36.3	5050 5050
SACRAMENTO COUNTY 5	-21.08					05N/06E-15R02M	41.0	10-21-70 3-19-71	89.2 79.7	-48.2 -38.7	5001 5001
05N/05E-01D02M	25.0	10-15-70 3-18-71	59.8 52.4	-34.8 -27.4	5001 5001	05N/06E-17J01M	32.5	10-14-70 3-17-71	79.5 74.7	-47.0 -42.2	5001 5001
05N/05E-04C01M	13.0	10-28-70 11-23-70 12-28-70	57.0 55.7 53.5	-44.0 -42.7 -40.5	5050 5050 5050	05N/06E-19B01M	20.0	10-14-70 3-17-71	47.9 36.3	-27.9 -16.3	5001 5001
		1-26-71 2-24-71 3-30-71	51.9 50.7 49.6	-38.9 -37.7 -36.6	5050 5050 5050	05N/06E-21J03M	42.0	10-14-70 3-17-71	(3) 81.1	-39.1	5001 5001
		4-28-71 5-26-71 6-29-71 7-26-71	54.1 53.8 57.4 60.1	-41.1 -40.8 -44.4 -47.1	5050 5050 5050 5050	05N/06E-26D01M	51.3	10-15-70 3-15-71	89.5 76.6	-38.2 -25.3	5050 5050
		8-30-71 9-29-71	61.1	-47.1 -48.1 -47.3	5050 5050 5050	05N/06E-26H01M	55.0	10-21-70 3-19-71	96.0 79.6	-41.0 -24.6	5001 5001
05N/05E-06B01M	7.5	10-16-70 3-18-71	31.6 27.2	-24.1 -19.7	5050 5050	05N/06E-26K01M	50.0	10-28-70 11-23-70 12-28-70	79.2 76.0 73.8	-29.2 -26.0 -23.8	5050 5050 5050
05N/05E-07G01M	8.0	10-15-70 3-18-71	15.0 13.3	-7.0 -5.3	5001 5001			1-26-71 2-24-71 3-30-71	72.4 71.0 70.2	-22.4 -21.0 -20.2	5050 5050 5050
05N/05E-10Q01M	15.0	10-13-70 3-15-71	39.6 33.4	-24.6 -18.4	4202 4202			4-28-71 5-26-71	78.5 81.3	-28.5 -31.3	5050 5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Con	tinued)				SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
05N/06E-26K01M (Continued)	50.0	6-29-71 7-29-71 8-30-71	85.2 93.9 92.0	-35.2 -43.9 -42.0	5050 5050 5050	06N/05E-01C01M (Continued)	39.3	8-30-71 9-29-71	101.4 101.8	-62.1 -62.5	5050 5050
05N/06P 27001N	46.0	9-28-71	87.4 93.2	-37.4	5050	06N/05E-01D01M	40.6	10-15-70 3-15-71	86.6 78.7	-46.0 -38.1	5050 5050
05N/06E-27C01M	46.0	10-13-70 3-15-71	76.6	-47.2 -30.6	4202	06N/05E-04N01M	19.5	10-15-70 3-18-71	78.9 73.6	-59.4 -54.1	5001 5001
05N/06E-29C01M	28.0	10-13-70 3-15-71	71.3 59.6	-43.3 -31.6	4202 4202	06N/05E-10B01M	34.5	10-15-70 3-18-71	116.7 99.0	-82.2 -64.5	5001 5001
05N/06E-29H01M	32.6	10-14-70 3-17-71	81.9 63.1	-49.3 -30.5	5001 5001	06N/05E-10G01M	36.0	10-15-70 3-15-71	108.2 97.3	-72.2 -61.3	4202 4202
05N/06E-30E01M	24.0	10-13-70 10-14-70 3-15-71	66.1 62.8 41.7	-42.1 -38.8 -17.7	4202 5001 4202	06N/05E-12E01M	39.0	10-15-70 3-18-71	114.3 99.7	-75.3 -60.7	5001 5001
05N/06E-31E03M	20.0	3-17-71 10-14-70	43.8 36.7	-19.8 -16.7	5001	06N/05E-14J01M	32.5	10-15-70 3-18-71	102.7 98.0	-70.2 -65.5	5001 5001
05N/06E-33H01M	38.5	3-17-71 10-14-70	27.1 79.8	-7.1 -41.3	5001	06N/05E-15B01M	26.4	10-15-70 3-18-71	102.8	-76.4 -63.7	5001 5001
05N/06E-33J01M	41.0	3-17-71	51.0	-12.5 -31.3	5001	06N/05E-17F01M	16.0	10-15-70	64.5	-48.5	5001
05N/06E-35M02M		3-15-71	52.6	-11.6	4202	06N/05E-20A02M	16.3	3-18-71	(1)	-43.4	5001
	53.0	10-14-70 3-17-71	55.8 40.8	12.2	5001 5001	06N/05E-22C02M	23.0	3-18-71	71.8 97.8	-55.5 -74.8	5001
05N/07E-06A01M	65.0	10-16-70 3-18-71	(1) 80.3	-15.3	5050 5050	06N/05E-25B01M	35.2	3-18-71 10-15-70	86.8 91.1	-63.8 -55.9	5001
05N/07E-07E02M	60.0	10-20-70 4-05-71	103.9 90.1	-43.9 -30.1	5001 5001	06N/05E-28F01M	17.5	3-18-71 10-15-70	74.8 82.2	-39.6 -64.7	5001
05N/07E-08Q01M	75.0	10-16-70 3-18-71	104.8 92.0	-29.8 -17.0	5050 5050	06N/05E-31A01M	14.6	3-18-71 10-15-70	69.9 51.8	-52.4 -37.2	5001
05N/07E-09D01M	73.7	10-21-70 4-02 - 71	(3) (3)		5001 5001	06n/05E-32J01M	13.0	3-18-71 10-15-70	37.0 68.2	-22.4 -55.2	5001 5001
05N/07E-12E02M	127.0	10-21-70 3-19-71	136.9 132.1	-9.9 -5.1	5001 5001	06N/05E-34C02M	23.0	3-18-71 10-15-70	50.3	-37.3 -66.4	5001
05N/07E-14N01M	91.5	10-21-70 4-05-71	109.4 96.6	-17.9 -5.1	5001 5001	06N/06E-01G01M	76.5	3-18-71	78.4	-55.4	5001
05N/07E-20G01M	76.7	10-21-70 4-05-71	112.0 99.8	-35.3 -23.1	5001 5001			4-05-71	62.3	14.2	5001
05N/07E-23H01M	100.0	10-16-70 3-18-71	114.6 101.4	-14.6 -1.4	5050 5050	06N/06E-05J02M	55.0	10-16-70 4-01-71	84.6 75.4	-29.6 -20.4	5001 5001
05N/07E 26J01M	91.0	10-21-70 3-19-71	108.6 92.4	-17.6 -1.4	5001 5001	06N/06E-07M01M	42.0	10-16-70 3-18-71	106.0 98.7	-64.0 -56.7	5001 5001
05N/07E-28A01M	86.0	10-16-70 3-11-71		-30.3 -9.8	5050 5050	06N/06E-08M01M	50.5	10-16-70 3-18-71	(4) (0)		5001 5001
05N/07E-29K01M	71.0	3-18-71 10-21-70	94.0 92.7	-8.0 -21.7	5050 5001	06N/06E-11J03M	65.0	10-20-70 3-18-71	65.5 61.3	-0.5 3.7	5001 5001
05N/07E-29K02M	71.0	3-19-71 10-21-70	80.8 97.6	-9.8 -26.6	5001 5001	06N/06E-13R01M	62.0	10-20-70 4-05-71	76.3 73.0	-14.3 -11.0	5001 5001
05N/07E-30A01M	73.0	3-19-71 10-15-70	83.2 103.2	-12.2 -30.2	5001 4202	06N/06E-16E01M	50.5	10-16-70 4-01-71	60.4 48.2	-9.9 2.3	5001 5001
05N/08E-08N01M	173.0	3-15-71 10-21-70	88.1 155.3	-15.1 17.7	4202 5001	06N/06E-18F01M	43.5	10-15-70 3-18-71	(1) 86.7	-43.2	5001 5001
06N/04E-24A01M	10.0	3-19-71	150.5	22.5	5001	06N/06E-18G01M	44.9	10-15-70 3-15-71	80.7 70.3	-35.8 -25.4	5050 5050
06N/05E-01C01M	39.3	3-18-71	29.2	-19.2	5050	06N/06E-20P01M	39.0	10-20-70 3-18-71	49.8 44.2	-10.8 -5.2	5001 5001
53117 022 01001H	37.3	11-23-70 12-28-70	99.4 98.3	-60.1 -59.0	5050 5050	06N/06E-22C01M	50.0	10-16-70 3-18-71	50.9 46.1	-0.9 3.9	5050 5050
		1-26-71 2-24-71 3-30-71 4-28-71	97.2 96.9 94.9 95.9	-57.9 -57.6 -55.6 -56.6	5050 5050 5050 5050	06N/06E-23C01M	52.0	10-19-70 10-20-70 3-15-71	66.3 66.9 62.2	-14.3 -14.9 -10.2	4202 5001 4202
		5-26-71 6-29-71 7-26-71	95.6 97.5 99.4	-56.3 -58.2 -60.1	5050 5050 5050			4-05-71	63.7	-11.7	5001

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Con	itinued)				SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
06N/06E-24G01M	56.0	10-20-70 4-05-71	71.7 65.0	-15.7 -9.0	5001 5001	06N/08E-15J01M	214.0	10-20-70 5-26-71	127.5 128.6	86.5 85.4	5108 5108
06N/06E-25Q01M	60.0	10-20-70 4-05-71	82.3 73.8	-22.3 -13.8	5001 5001	06N/08E-21P02M	155.0	10-16-70 3-18-71	DRY 132.9	22.1	5050 5050
06N/06E-26D02M	47.0	10-16-70 3-18-71	54.7 52.5	-7.7 -5.5	5050 5050	06N/08E-30B01M	134.3	10-16-70 3-18-71	125.1 120.9	9.2 13.4	5050 5050
06N/06E-28C02M	40.0	10-16-70 3-18-71	50.1 44.8	-10.1 -4.8	5050 5050	07N/04E-11K01M	17.3	10-07-70 3-17-71	10.1 9.2	7.2 8.1	5108 5108
06N/06E-29K01M	33.0	10-16-70 3-18-71	43.9 36.8	-10.9 -3.8	5050 5050	07N/05E-01H01M	45.0	10-28-70 11-23-70	86.6 85.8	-41.6 -40.8	5050 5050
06N/06E-30N01M	32.0	10-23-70 3-18-71	(4) (4)		5001 5001			12-28-70 1-26-71 2-24-71	85.2 84.7 84.2	-40.2 -39.7 -39.2	5050 5050 5050
06N/06E-33J02M	45.8	10-28-70 11-24-70 12-28-70 1-26-71 2-24-71 3-30-71 4-28-71 5-26-71 6-29-71	60.2 59.3 58.4 57.7 57.1 57.0 59.1 (1) (4) 63.6 62.9	-14.4 -13.5 -12.6 -11.9 -11.3 -11.2 -13.3	5050 5050 5050 5050 5050 5050 5050 505	07N/05E-01J01M	44.0	3-30-71 4-28-71 5-26-71 6-29-71 7-26-71 8-30-71 9-29-71 10-14-70 3-15-71	83.5 83.4 83.7 84.6 85.5 86.7 86.8	-38.5 -38.4 -38.7 -39.6 -40.5 -41.7 -41.8 -45.8 -41.5	5050 5050 5050 5050 5050 5050 5050 4202 4202
		8-30-71 9-29-71	63.3 63.5	-17.5 -17.7	5050 5050	07N/05E-04Q01M	21.4	3-15-71	(4)	43.0	5050
06N/06E-33L01M	35.6	10-15-70 3-15-71	59.6 47.1	-24.0 -11.5	5050 5050	07N/05E-10M01M	26.5	10-15-70 3-15-71	69.5 67.0	-43.0 -40.5	5050 5050
06N/06E-33Q01M	35.7	10-20-70 4-05-71	57.1 (6)	-21.4	5001 5001	07N/05E-12R02M	42.5	10-08-70 3-18-71	92.7 88.3	-50.2 -45.8	5108 5108
06N/06E-34P01M	46.9	10-20-70 4-05-71	74.0 67.0	-27.1 -20.1	5001 5001	07N/05E-15H01M	28.0	10-08-70 3-18-71	78.3 78.0	-50.3 -50.0	5108 5108
06N/07E-04G01M	107.5	10-20-70 4-02-71	105.5 105.6	2.0 1.9	5001 5001	07N/05E-18C01M	12.0	10-07-70 3-17-71	27.5 (9)	-15.5	5108 5108
06N/07E-06N01M	78.7	10-19-70 4-05-71	78.0 69.8	0.7 8.9	5001 5001	07N/05E-24H01M	39.0	10-15-70 3-15-71	94.0 88.6	-55.0 -49.6	4202 4202
06N/07E-08R01M	105.0	10-16-70 3-18-71	110.8 105.3	-5.8 -0.3	5050 5050	07N/05E-26C01M	28.6	10-15-70 3-15-71	69.3 63.4	-40.7 -34.8	5050 5050
06N/07E-11A02M	116.0	10-21-70 4-02-71	107.5	8.5 15.6	5001 5001	07N/05E-26P02M	30.0	10-08-70 3-17-71	93.8 84.6	-63.8 -54.6	5108 5108
06N/07E-14A01M	110.0	10-21-70	106.4	3.6	5001	07N/05E-28E01M	22.5	10-08-70 3-17-71	(1) 67.3	-44.8	5108 5108
06N/07E-15K01M	107.0	4-02-71	100.5	9.5 -8.1	5001	07N/05E-28P01M	24.0	10-15-70 3-15-71	81.4 73.8	-57.4 -49.8	5108 5108
06N/07E-19A01M	71.0	4-05-71 10 16-70	(1)		5050	07N/05E-29D02M	17.0	10-08-70 3-17-71	(1) 49.5	-32.5	5108 5108
06N/07E-20P03M	77.0	3-18-71	76.1 99.1	-5.1 -22.1	5050	07N/05E-32K01M	19.5	10-28-70 11-23-70	63.4 63.1	-43.9 -43.6 -43.2	5050 5050 5050
06N/07E-25P02M	98.5	4-02-71 10-21-70 4-02-71	89.0 (9) (1)	-12.0	5001 5001 5001			12-28-70 1-26-71 2-24-71 3-30-71	62.7 62.1 61.6 61.1	-42.6 -42.1 -41.6	5050 5050 5050
C6N/07E-28E01M	74.5	10-28-70 11-24-70 12-28-70 1-26-71 2-24-71 3-30-71	89.0 86.9 86.9 83.8 82.8	-14.5 -12.4 -12.4 -9.3 -8.3 -7.5	5050 5050 5050 5050 5050 5050			4-28-71 5-26-71 6-29-71 7-26-71 8-30-71 9-29-71	61.1 61.8 62.1 62.9 63.8 64.3	-41.6 -42.3 -42.6 -43.4 -44.3 -44.8	5050 5050 5050 5050 5050 5050
		4-28-71 5-26-71 6-29-71 7-29-71	85.6 88.8 93.1 95.3	-11.1 -14.3 -18.6 -20.8	5050 5050 5050 5050	07N/05E-34L01M 07N/05E-36A01M	29.0 38.5	10-08-70 3-17-71 10-08-70	105.3 90.0 (1)	-76.3 -61.0	5108 5108 5108
		8-30-71 9-29-71	94.5 95.8	-20.0 -21.3	5050 5050	07N/06E-01A01M	115.0	3-17-71 10-19-70	89.3 112.7	-50.8 2.3	5108 4202
06N/07E-32P01M	69.0	10-16-70 3-18-71	92.5 80.9	-23.5 -11.9	5050 5050			3-15-71	93.3	21.7	4202
06N/07E-34H01M	86.0	10-16-70 3-18-71	95.2 90.0	-9.2 -4.0	5050 5050	07N/06E-08H01M 07N/06E-10M02M	58.5 85.0	3-18-71 10-16-70	89.2 104.8	-30.7 -19.8	5108 4202
			-			100-17.30		3-15-71	98.9	-13.9	4202

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Con	tinued)				SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
07N/06E-12A01M	115.0	10-16-70 3-26-71	108.5 103.5	6.5 11.5	5108 5108	07N/07E-20H01M	80.5	10-19-70 4-01-71	54.8 49.6	25.7 30.9	5001 5001
07N/06E-14Q01M	90.0	10-16-70 3-18-71	96.8 90.3	-6.8 -0.3	5108 5108	07N/07E-22E01M	109.6	10-16-70 4-02-71	86.0 78.6	23.6 31.0	5001 5001
07N/06E-15N01M	64.0	10-08-70 3-18-71	96.3 84.8	-32.3 -20.8	5108 5108	07N/07E-24K02M	130.0	10-19-70 4-02-71	93.1 91.7	36.9 38.3	500 l 500 l
07N/06E-20J01M	57.0	10-16-70 3-18-71	91.8 93.5	-34.8 -36.5	5108 5108	07N/07E-27B01M	107.0	10-16-70 4-05-71	94.4 83.5	12.6 23.5	5001 5001
07N/06E-22C02M	60.0	10-15-70 3-15-71	87.1 79.1	-27.1 -19.1	4202 4202	07N/07E-27P01M	100.0	10-16-70 4-01-71	87.6 80.2	12.4 19.8	5001 5001
07N/06E-22R02M	70.0	10-16-70 3-18-71	85.0 77.0	-15.0 -7.0	5108 5108	07N/07E-29B02M	85.0	10-16-70 4-02-71	73.3 64.6	11.7 20.4	5001 5001
07N/06E-23P01M	77.0	10-28-70 11-24-70 12-28-70	84.3 82.8 81.4	-7.3 -5.8 -4.4	5050 5050 5050	07N/07E-31F01M	85.1	10-16-70 4-01-71	77.2 69.1	7.9 16.0	5001 5001
		1-26-71 2-24-71 3-30-71	80.5 79.5 78.5	-3.5 -2.5 -1.5	5050 5050 5050	07N/07E-32A01M	75.0	10-16-70 4-01-71	44.2 36.8	30.8 38.2	5001 5001
		4-28-71 5-26-71	83.1 84.1	-6.1 -7.1	5050 5050	07N/07E-32A02M	81.0	3-15-71	71.2	9.8	4202
		6-29-71 7-29-71 8-30-71	86.8 89.2 90.2	-7.1 -9.8 -12.2 -13.2	5050 5050 5050	07N/07E-34D01M	97.4	10-16-70 4-01-71	83.6 82.2	13.8 15.2	5001 5001
07N/06E-25B01M	84.0	9-29-71	91.1	-14.1 7.1	5050	07N/07E-35K01M	156.0	10-20-70 4-02-71	135.0 133.7	21.0 22.3	5001 5001
07N/06E-23N01M	59.0	4-01-71	68.7 93.1	15.3	5001	07N/08E-02L01M	198.0	10-19-70 3-26-71	17.5 16.6	180.5 181.4	5108 5108
	50.5	3-15-71	85.0 95.4	-26.0	4202	07N/08E-06N01M	117.5	10-19-70 4-02-71	33.7 (1)	83.8	5001 5001
07N/06E-32P01M		3-18-71	87.5	-37.0	5108	07N/08E-13A01M	260.0	10-19-70 3-26-71	14.5 11.9	245.5 248.1	5108 5108
07N/06E-33J01M 07N/06E-34H01M	63.0 70.6	3-19-71	(7)	-4.5	5050	07N/08E-16E01M	248.8	10-15-70 3-19-71	DRY DRY		5050 5050
07N/06E-35Q01M	62.1	4-01-71	38.5	23.6	5001	07N/08E-18F01M	140.0	10-15-70 3-19-71	82.2 82.7	57.8 57.3	5050 5050
07N/06E-35R01M	66.3	4-01-71	34.5 (9)	27.6	5001	07N/08E-26H01M	190.0	10-19-70 3-26-71	16.5 16.1	173.5 173.9	5108 5108
07N/06E-36P02M	75.0	4-01-71	36.3	30.0 12.3	5001	07N/08E-36B01M	185.0	10-20-70 3 - 26-71	9.8 7.7	175.2 177.3	5108 5108
07N/07E-02C01M	102.5	4-01-71	55.6 42.3	19.4	5001	08N/04E-01G01M	18.3	10-15-70 3-17-71	(1) (1)		5050 5050
07N/07E-03B01M	100.0	4-02-71	37.0 44.4	55.6	5001	08N/04E-11P01M	17.0	10-07-70 3-17-71	14.6 10.5	2.4 6.5	5108 5108
07N/07E-04J01M	133.5	4-02-71 10-19-70 4-01-71	44.9 85.9 81.0	55.1 47.6 52.5	5001 5001 5001	08N/04E-24M01M	25.0	10-27-70 11-25-70 12-29-70	34.2 33.9 31.4	-9.2 -8.9 -6.4	5050 5050 5050
07N/07E-04P01M	174.1	10-19-70 4-01-71	132.1 126.0	42.0 48.1	5001 5001			1-27-71 2-25-71 3-31-71	30.9 31.3 31.1	-5.9 -6.3 -6.1	5050 5050 5050
07N/07E-07N01M	100.0	10-19-70	DRY	40.1	5001			4-29-71 5-27-71	31.3	-6.3 -6.3	5050 5050
07N/07E-07N01M	100.5	10-19-70 10-19-70 4-01-71	(1) 83.8	16.7	5001 5001			6-30-71 7-30-71 8-30-71	31.8 32.3 32.6	-6.8 -7.3 -7.6	5050 5050 5050
07N/07E-10KO1M	98.0	10-19-70 4-02-71	50.9 46.7	47.1 51.3	5001 5001	08N/04E-33N01M	7.0	9-29-71	33.1	-7.6 -8.1 -0.5	5050
07N/07E-14L01M	127.6	10-19-70 4-02-71	89.6 87.5	38.0 40.1	5001 5001	08N/04E-35N01M	5.0	3-17-71 10-07-70	3.6	3.4	5108
07N/07E-14L02M	126.0	10-19-70 4-02-71	92.9 85.0	33.1 41.0	5001 5001	08N/04E-36L01M	39.0	3-17-71	18.6	-17.2 -13.6	5108
07N/07E-17G02M	101.5	10-19-70 4-01-71	85.7 72.2	15.8 29.3	5001 5001	08N/05E-02F0IM	30.0	4-30-71	32.7	6.3	5108
07N/07E-20C01M	81.0	10-19-70 4-01-71	56.0 49.1	25.0 31.9	5001 5001		22.2	4-29-71	38.4	-8.4	5108
		4-01-/1	47.1	31.9	3001	08N/05E-06H01M	44.4	3-15-71	18.5	3.7	5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GRDUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Con	ntinued)		_		SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
08N/05E-07P01M	24.3	10-16-70 3-15-71	29.6 27.5	-5.3 -3.2	5050 5050	08N/06E-26K01M	123.0	10-19-70 3-26-71	119.8 114.5	3.2 8.5	5108 5108
08N/05E-12Q01M	44.5	10-08-70 3-18-71	47.5 45.2	-3.0 -0.7	5108 5108	08N/06E-27H02M	93.7	10-16-70 3-26-71	97.8 82.7	-4.1 11.0	5108 5108
08N/05E-14J01M	45.0	10-08-70 3-18-71	(2) (1)		5108 5108	08N/06E-27NO1M	79.0	10-16-70 3-26-71	(1) 83.3	-4.3	5108 5108
08N/05E-15E01M	37.0	10-27-70 11-23-70	45.3 45.3	-8.3 -8.3 -8.0	5050 5050 5050	08N/06E-30C01M	50.0	10-16-70 3-26-71	76.0 71.8	-26.0 -21.8	5108 5108
		12-28-70 1-25-71 2-23-71 3-29-71	45.0 44.5 44.2 44.0	-7.5 -7.2 -7.0	5050 5050 5050	08N/06E-31F01M	51.0	10-16-70 3-26-71	86.2 82.3	-35.2 -31.3	5108 5108
,		4-27-71 5-26-71	44.0 44.2	-7.0 -7.2 -7.7	5050 5050 5050	08N/06E-33N01M	64.7	10-16-70 3-26-71	(1) 96.0	-31.3	5108 5108
		6-29-71 7-26-71 8-31-71	44.7 45.1 45.4	-8.1 -8.4	5050 5050	08N/06E-34R01M	106.4	10-16-70 3-26-71	119.6	-13.2	5108 5108
08N/05E-18K01M	19.9	9-30-71	46.0 27.8	-9.0 -7.9	5050	08N/07E-02N01M	257.6	10-20-70 4-29-71	138.0 145.8	119.6 111.8	5108 5108
08N/05E-18Q01M	24.7	3-15-71 10-15-70 3-15-71	27.5 34.4 34.1	-7.6 -9.7 -9.4	5050 5050 5050	08N/07E-09N01M	189.6	10-20-70 4-29-71	118.5 120.3	71.1 69.3	5108 5108
08N/05E-21H02M	39.5	10-08-70 3-18-71	55.0 55.0	-15.5 -15.5	5108 5108	08N/07E-14C01M	254.2	10-20-70 4-29-71	145.0 145.5	109.2 108.7	5108 5108
08N/05E-30A01M	27.3	10-15-70 3-15-71	51.6 48.4	-24.3 -21.1	5050 5050	08N/07E-18E01M	125.5	10-16-70 3-18-71	97.1 89.1	28.4 36.4	5050 5050
08N/05E-31E01M	18.0	10-07-70 3-17-71	38.8 38.2	-20.8 -20.2	5108 5108	08N/07E-31J01M	115.4	10-19-70 3-26-71	82.3 69.3	33.1 46.1	5108 5108
08N/05E-32R01M	21.7	10-15-70 3-15-71	60.8	-39.1 -32.2	5050 5050	08N/07E-33E01M	145.3	10-19-70 3-26-71	101.8 93.1	43.5 52.2	5108 5108
08N/05E+33J01M	26.0	10-15-70 3-17-71	66.7 62.2	-40.7 -36.2	5050 5050	09N/03E-02D01M	23.0	10-26-70 5-05-71	14.9 11.7	8.1 11.3	5108 5108
08N/06E-05P01M	58.0	10-21-70 4-29-71	48.9	9.1	5108 5108	09N/04E-01R01M	19.5	10-26-70 5-04-71	20.8 19.1	-1.3 0.4	5108 5108
08N/06E-06E03M	65.0	10-05-70 3-05-71	71.0 56.0	-6.0 9.0	4400 4400	09N/04E-08L01M	24.0	10-26-70 5-05-71	17.7 14.5	6.3 9.5	5108 5108
08N/06E-06F01M	60.0	10-05-70 3-05-71	68.0 55.0	-8.0 5.0	4400 4400	09N/04E-09B01M	20.0	10-26-70 5-04-71	12.2 (4)	7.8	5108 5108
08N/06E-08F01M	57.8	10-15-70 3-17-71	53.0 47.9	4.8 9.9	5050 5050	09N/04E-11E01M	10.0	10-16-70 3-18-71	9.1	0.9	5050 5050
08N/06E-09Q02M	75.7	10-20-70 4-29-71	64.3 62.6	11.4 13.1	5108 5108	09N/04E-22E01M	12.0	10-28-70 11-24-70 12-28-70	6.7 6.0 1.3	5.3 6.0 10.7	5050 5050 5050
08N/06E-11B01M	90.1	10-20-70 4-29-71	73.0 70.0	17.1 20.1	5108 5108			1-26-71 2-24-71 3-31-71	1.9 2.6 2.7	10.1 9.4 9.3	5050 5050 5050
08N/06E-15P01M	72.1	10-20-70 10-28-70 11-24-70 12-28-70 1-25-71	(3) 61.5 60.0 58.9 58.6	10.6 12.1 13.2 13.5 14.0	5108 5050 5050 5050 5050 5050			4-29-71 5-29-71 6-30-71 7-30-71 8-31-71 9-30-71	3.3 2.8 5.1 4.7 7.2 7.9	8.7 9.2 6.9 7.3 4.8 4.1	5050 5050 5050 5050 5050 5050
		2-24-71 3-30-71 4-28-71 4-29-71	58.1 57.9 59.5 (4)	14.2	5050 5050 5108	09N/04E-23R01M	15.0	10-26-70 5-04-71	14.8 9.3	0.2 5.7	5108 5108
		5-26-71 6-29-71 7-29-71	61.0 63.6 65.3	11.1 8.5 6.8	5050 5050 5050	09N/04E-27F01M	24.0	10-26-70 5-04-71	20.5 18.8	3.5 5.2	5108 5108
		8-30-71 9-29-71	65.5 65.0	6.6 7.1	5050 5050	09N/04E-36D01M	21.6	10-26-70 5-04-71	19.4 (6)	2.2	5108 5108
08N/06E-20R01M	57.4	10-16-70 3-26-71	69.7 64.4	-12.3 -7.0	5108 5108	09N/05E-07D01M	20.0	10-26-70 5-04-71	21.3 18.3	-1.3 1.7	5108 5108
08N/06E-21N02M	65.0	10-14-70 10-15-70 3-15-71	74.9 73.9 67.2	-9.9 -8.9 -2.2	4202 5050 4202	09N/05E-08J02M	33.0	10-16-70 3-18-71	40.9 39.7	-7.9 -6.7	5050 5050
08N/06E-25J02M	141.0	3-17-71	67.9	-2.9 20.5	5050	09N/05E-13G03M	80.0	10-05-70 3-05-71	105.0 91.0	-25.0 -11.0	4400 4400
		3-18-71	119.6	21.4	5050	09N/05E-13J01M	80.0	3 - 05-71	84.0	-4.0	4400

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Cor	ntinued)				SACRAMENTO COUNTY 5	-21.08 (Con	tinued)			
09N/05E-13L02M	72.0	10-05-70 3-05-71	89.0 76.0	-17.0 -4.0	4400 4400	09N/06E-07N01M	69.0	10-05-70 3-05-71	88.0 72.0	-19.0 -3.0	4400 4400
09N/05E-14H03M	64.0	10-15-70 3-15-71	81.3 74.9	-17.3 -10.9	5050 5050	09N/06E-09P01M	135.5	10-22-70 4-30-71	121.3 119.5	14.2 16.0	5108 5108
09N/05E-18R01M	31.0	10-26-70 5-04-71	36.3 31.3	-5.3 -0.3	5108 5108	09N/06E-12Q01M	205.5	10-22-70 5-03-71	29.8 27.7	175.7 177.8	5108 5108
09N/05E-21M01M	34.0	10-29-70 11-24-70	49.9 49.3	-15.9 -15.3	5050 5050	09N/06E-17G01M	120.0	10-22-70 4-30-71	118.7 117.5	1.3 2.5	5108 5108
		12-29-70 1-26-71 2-25-71	48.7 47.9 47.2	-14.7 -13.9 -13.2	5050 5050 5050	09N/06E-19E01M	78.0	10-05-70 3-05-71	99.0 86.0	-21.0 -8.0	4400 4400
		3-31-71 4-29-71 5-27-71	46.2 45.8 46.2	-12.2 -11.8 -12.2	5050 5050 5050	09N/06E-19K01M	86.0	10-05-70 3-05-71	110.0 91.0	-24.0 -5.0	4400 4400
		6-30-71 7-30-71 8-31-71	47.5 49.0 51.0	-13.5 -15.0 -17.0	5050 5050 5050	09N/06E-19R01M	81.0	3-05-71	82.0	-1.0	4400
09N/05E-22A01M	52.0	9-30-71	50.5	-16.5 -23.0	5050 4400	09N/06E-20D01M	78.0	10-05-70 3-05-71	88.0 75.0	-10.0 3.0	4400 4400
		3-05-71	61.0	-9.0	4400	09N/06E-20N02M	92.0	10-05-70 3-05-71	94.0 75.0	-2.0 17.0	4400 4400
09N/05E-22G02M	51.0	10-15-70 3-15-71	75.6 70.4	-24.6 -19.4	5050 5050	09N/06E-24K02M	113.0	10-21-70 4-29-71	57.8 57.2	55.2 55.8	5108 5108
09N/05E-22L01M	51.0	10-05-70 3-05-71	71.0 62.0	-20.0 -11.0	4400 4400	09N/06E-26C01M	96.3	10-21-70 4-29-71	(8) 49.3	47.0	5108 5108
09N/05E-23A01M 09N/05E-23F01M	65.0 59.0	3-05-71 3-05-71	76.0 (7)	-11.0	4400 4000	09N/06E-27D01M	71.0	10-22-70 4-30-71	39.5 37.5	31.5 33.5	5108 5108
09N/05E-23H01M	63.0	3-05-71	72.0	-9.0	4400	09N/06E-28K01M	113.1	10-22-70 4-30-71	78.4 77.3	34.7 35.8	5108 5108
09N/05E-23L01M 09N/05E-23L02M	60.0 57.0	3-05-71 3-05-71	71.0 70.0	-11.0 -13.0	4400 4400	09N/06E-30C01M	75.0	3-05-71	77.0	-2.0	4400
09N/05E-24A03M	72.0	10-05-70	94.0	-22.0	4400	09N/06E-30J01M	81.5	10-27-70 11-24-70 12-28-70	83.2 80.6 78.6	-1.7 0.9 2.9	5050 5050 5050
09N/05E-25C01M	68.0	3-05-71	79.0 95.0	-7.0 -27.0	4400			1-25-71 2-23-71	77.8 76.7	3.7 4.8	5050 5050
09N/05E-25E02M	45.0	3-05-71 10-05-70	79.0 70.0	-11.0 -25.0	4400			3-29-71 4-27-71 5-26-71	75.9 77.8 80.2	5.6 3.7 1.3	5050 5050 5050
09N/05E-26D01M	52.0	3-05-71 3-05-71	56.0 69.0	-11.0 -17.0	4400 4400			6-29-71 7-29-71 8-30-71	84.2 88.2 90.2	-2.7 -6.7 -8.7	5050 5050 5050
09N/05E-26E01M	42.0	10-05-70 3-05-71	68.0 59.0	-26.0 -17.0	4400 4400	09N/06E-30N01M	66.0	9-29-71 3-05-71	(3) 65.0	1.0	5050 4400
09N/05E-26G02M	58.0	10-05-70 3-05-71	85.0 75.0	-27.0 -17.0	4400 4400	09N/06E-30Q01M	82.0	3-05-71	78.0	4.0	4400
09N/05E-26Q01M	40.0	10-05-70 3-05-71	66.0 54.0	-26.0 -14.0	4400 4400	09N/06E-31J01M	71.2	10-05-70 3-05-71	78.0 65.0	-6.8 6.2	4400 4400
09N/05E-27Q01M	44.0	10-16-70 3-17-71	60.0 55.3	-16.0 -11.3	5050 5050	09N/06E-32D02M	90.0	10-05-70 3-05-71	102.0 88.0	-12.0 2.0	4400 4400
09N/05E-28H01M	37.6	10-15-70	55.5	-17.9	5050	09N/06E-33E01M	60.0	10-05-70 3-05-71	49.0 (7)	11.0	4400 4400
09N/05E-28K01M	32.9	3-15-71	49.8	-12.2 -15.1	5050	09N/06E-33R01M	73.2	10-21-70 4-29-71	44.8 45.6	28.4 27.6	5108 5108
09N/05E-28N01M	40.0	3-15-71 10-15-70	44.0	-7.1 -3.5	5050	09N/06E-34R01M	96.3	10-16-70 3-29-71	65.0 62.6	31.3 33.7	5050 5050
09N/05E-29L02M	30.0	3-15-71 10-22-70	40.7 39.6	-0.7 -9.6	5050 5108	09N/06E-36J01M	115.4	10-21-70	(4)		5108
09N/05E-30B01M	22.0	4-30-71 10-26-70	34.8 32.0	-4.8 -10.0	5108 5108	09N/07E-07F01M	204.2	10-22-70 5-03-71	154.7 152.5	49.5 51.7	5108 5108
09N/05E-35Q01M	49.0	5-04-71	23.9	-1.9 -16.0	5108 4400	09N/07E-09A01M	192.0	10-23-70 5-03-71	73.8 71.5	118.2 120.5	5108 5108
09N/06E-02P01M	160.0	3-05-71	51.0	-2.0	4400	09N/07E-12L01M	290.0	10-21-70 4-29-71	44.3 44.8	245.7 245.2	5108 5108
09N/06E-02F01H	112.0	5-03-71	130.0	30.0	5108	09N/07E-16Q01M	144.5	10-22-70 4-29-71	(1) 27.7	116.8	5108 5108
OJM, OUE-OJMUIN	112.0	5-03-71	102.7	9.3	5108			•			

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

	1		Longung	1					CBOUND	1	
STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SACRAMENTO COUNTY 5	-21.08 (Co	ntinued)				SACRAMENTO COUNTY 5	-21.08 (Cor	ntinued)			
09N/07E-27Q01M	224.1	10-21-70 4-29-71	33.9 32.3	190.2 191.8	5108 5108	10N/05E-34M01M	47.0	10-27-70 5-06-71	57.3 56.0	-10.3 -9.0	5108 5108
09N/07E-31G01M	133.3	10-16-70 3-18-71	60.5 59.7	72.8 73.6	5050 5050	10N/05E-36B01M	90.0	10-05-70 3-05-71	104.0 94.0	-14.0 -4.0	4400 4400
10N/03E-35A01M	18.9	10-26-70 5-05-71	8.5 6.8	10.4 12.1	5108 5108	10N/05E-36J01M	105.0	10-05-70 3-05-71	117.0 103.0	-12.0 2.0	4400 4400
10N/04E-13P01M	25,0	10-26-70 5-06-71	30.3 33.3	-5.3 -8.3	5108 5108	10N/05E-36K01M	92.0	10-05-70 3-05-71	110.0 99.0	-18.0 -7.0	4400 4400
10N/04E-15F01M	14.0	10-26-70 5-05-71	3.7 (9)	10.3	5108 5108	10N/05E-36Q02M	86.0	10-05-70 3-05-71	98.0 85.0	-12.0 1.0	4400 4400
10N/04E-18A01M	23.0	10-26-70 5-05-71	8.8 4.8	14.2 18.2	5108 5108	10N/06E-19K01M	150.5	10-28-70	DRY		5108
10N/04E-19P01M	21.0	10-26-70 5-05-71	7.7 4.6	13.3 16.4	5108 5108	10N/06E-21F02M	158.5	10-28-70 5-07-71	142.2	16.3 20.2	5108 5108
10N/04E-21B02M	16.0	10-26-70 5-05-71	6.8 6.0	9.2 10.0	5108 5108	10N/06E-22C01M	170.0	10-28-70 5-07-71 10-16-70	(2) 143.5	26.5	5108 5108 5050
10N/04E-23A01M	15.0	10-26-70 5-06-71	11.0 5.0	4.0 10.0	5108 5108	10N/06E-22N01M 10N/06E-25N01M	134.7	3-15-71	81.0 83.3 (2)	53.7 51.4	5050
10N/04E-24B01M	22.0	10-26-70 5-06-71	29.0 32.5	-7.0 -10.5	5108 5108	10N/06E-30L01M	115.0	5-03-71 10-05-70	116.2	38.8 -4.0	5108
10N/04E-31A01M	15.0	10-26-70 5-06-71	4.8 (6)	10.2	5108 5108	10N/06E-31L01M	111.0	3-05-71 10-05-70	102.0	13.0	4400
10N/04E-34A02M	25.0	10-29-70 11-24-70 12-28-70 1-26-71 3-31-71 4-28-71 5-26-71 6-29-71 7-29-71 8-31-71 9-27-71	12.7 12.5 9.5 9.9 12.0 12.9 13.2 9.2 9.0 8.6 7.6	12.3 12.5 15.5 15.1 13.0 12.1 11.8 15.8 16.0 16.4 17.4	5050 5050 5050 5050 5050 5050 5050 505	10N/06E-33K01M	120.0	10-03-70 3-05-71 10-23-70 10-28-70 11-24-70 12-28-70 1-26-71 2-24-71 3-30-71 4-28-71 5-03-71 5-26-71	119.0 109.0 110.0 109.5 106.1 104.1 103.4 102.5 102.6 104.7 105.2 107.9	10.0 10.5 13.9 15.9 16.6 17.5 17.4 15.3 14.8	4400 4400 5108 5050 5050 5050 5050 5050 5050 50
10N/04E-36B01M	37.0 34.8	10-16-70 3-18-71 10-27-70	32.6 29.5 63.4	4.4 7.5 -28.6	5050 5050 5108			7-29-71 8-30-71 9-29-71	117.5 117.6 114.4	2.5 2.4 5.6	5050 5050 5050
10N/05E-14Q01M	86.0	5-06-71 10-27-70	61.7 DRY	-26.9	5108 5108	10N/07E-20D01M	210.0	10-23-70 5-03-71	115.3 117.0	94.7 93.0	5108 5108
10N/05E-14Q02M	85.5	5-07-71	DRY 87.0	-1.5	5108	10N/07E-28C01M	210.2	10-23-70 5-03-71	103.0 102.0	107.2 108.2	5108 5108
10N/05E-15P01M	67.5	5-07-71	85.0 74.2	0.5	5108	10N/07E-29G01M	216.0	10-23-70 5-03-71	108.7 107.8	107.3 108.2	5108 5108
	,,,,	10-29-70 11-24-70 12-28-70 1-26-71	(3) 72.6 71.5 71.3	-5.1 -4.0 -3.8	5050 5050 5050 5050	10N/07E-32N01M	215.0	10-23-70 5-03-71	142.5 141.2	72.5 73.8	5108 5108
		2-24-71 3-30-71	70.5 69.5	-3.0 -2.0	5050 5050	YOLO COUNTY 5-21.09					
		4-28-71 5-07-71 5-26-71	(4) 69.7 69.3	-2.2 -1.8	5050 5108 5050	06N/03E-12R01M	2.5	10-25-70 3-20-71	6.1 3.9	-3.6 -1.4	5104 5104
		6-29-71 7-29-71 8-31-71	72.0 73.5 74.8	-4.5 -6.0 -7.3	5050 5050 5050	06N/03E-15B01M	4.0	10-25-70 3-20-71	(7) (7)		5104 5104
10N/05E-17N02M	51.0	9-27-71 10-27-70	75.5 59.9	-8.0 -8.9	5050 5108	06N/03E-23P01M	4.9	10-25-70 3-20-71	5.4 3.2	-0.5 1.7	5104 5104
10N/05E-25H01M	100.0	5-06-71 10-05-70	58.1 116.0	-7.1 -16.0	5108 4400	07N/03E-04Q01M	19.0	10-25-70 3-11-71	26.4 19.4	-7.4 -0.4	5104 5104
10N/05E-26B02M	81.0	3-05-71	80.7	0.3	5108 5108	07N/03E-08J01M	17.0	10-15-70 3-17-71	31.0 21.9	-14.0 -4.9	5050 5050
10N/05E-30L01M	36.0	5-07-71	78.6 30.0	6.0	5108 5108	07N/03E-08M01M	19.0	10-09-70 3-09-71	(7) 29.4	-10.4	5001 5001
10N/05E-32Q02M	39.0	5-06-71 10-16-70 3-18-71	(4) 43.4 40.4	-4.4 -1.4	5108 5050 5050	07N/03E-17F01M	16.0	10-15-70 3-17-71	21.7 20.9	-5.7 -4.9	5050 5050

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09	(Continued)				YOLO COUNTY 5-21.09	(Continued))			
07N/03E-19N01M	21.0	10-09-70 3-09-71	33.9 26.5	-12.9 -5.5	5001 5001	08N/02E-01K01M	34.0	10-05-70 3-10-71	63.6 (1)	-29.6	5001 5001
07N/03E-30Q01M	17.0	10-09-70 3-08-71	15.6 15.8	1.4 1.2	5001 5001	08N/02E-02M01M	41.0	10-05-70	(6)		5001
08N/01E-01J02M	65.0	10-31-70 3-05-71	40.4 28.7	24.6 36.3	5104 5104	08N/02E-04E01M	52.0	10-05-70 3-10-71	51.1 38.2	0.9 13.8	5001 5001
08N/01E-02B01M	78.0	10-05-70	31.1	46.9	5001	08N/02E-08R03M	55.0	8-11-70	(6)		5001
08N/01E-04A01M	97.0	3-10-71 10-05-70	21.2 32.4	56.8 64.6	5001	08N/02E-09A01M	43.0	10-31-70 3-05-71	52.7 38.0	-9.7 5.0	5104 5104
08N/01E-04Q02M	95.0	3-10-71 10-31-70	29.2 30.1	67.8 64.9	5001 5104	08N/02E-13B06M	36.5	10-09-70 3-08-71	54.9 42.1	-18.4 -5.6	5001 5001
08N/01E-05A01M	115.0	3-05-71 10-05-70	(8) (0)		5104 5001	08N/02E-15M02M	52.7	10-09-70 3-11-71	(7) 49.8	2.9	5001 5001
08N/01E-07B02M	107.0	10-05-70 10-31-70	(0) 28.4	70 4	5001	08N/02E-16M01M	58.0	10-06-70 3-11-71	61.7 47.8	-3.7 10.2	5001 5001
		3-05-71	22.8	78.6 84.2	5104 5104	08N/02E-16N01M	60.0	10-31-70 3-05-71	61.0 51.6	-1.0 8.4	5104 5104
08N/01E-08M03M	100.0	10-31-70 3-05-71	29.5 24.7	70.5 75.3	5104 5104	08N/02E-17M01M	59.0	10-06-70 3-11-71	50.8 39.1	8.2 19.9	5001 5001
08N/01E-09E01M	97.0	10-31-70 3-05-71	40.3 31.2	56.7 65.8	5104 5104	08N/02E-19B01M	67.0	10-06-70 3-11-71	47.5 44.5	19.5 22.5	5001 5001
08N/01E-09R01M	90.5	10-29-70 11-25-70 12-29-70	35.3 33.5 31.6	55.2 57.0 58.9	5050 5050 5050	08N/03E-03Q01M	14.0	10-25-70 3-20-71	13.7	0.3	5104 5104
		1-27-71 2-25-71 3-31-71	31.0 31.9 34.1	59.5 58.6 56.4	5050 5050 5050	08N/03E-04R01M	16.0	10-25-70 3-11-71	22.7 13.8	-6.7 2.2	5104 5104
		4-29-71 5-27-71 6-30-71	41.7 57.4 56.6	48.8 33.1 33.9	5050 5050 5050	08N/03E-07B02M	25.0	10-25-70	40.1 30.7	-15.1 -5.7	5104 5104
		7-30-71	59.3	31.2	5050	000/007 070010	22.4	3-11-71			
08N/01E-10M01M	91.3	8-31-71 9-30-71 10-31-70	51.5 40.2 40.7	39.0 50.3	5050 5050 5104	08N/03E-07M01M	32.4	10-29-70 11-25-70 12-29-70	41.7 35.5 29.4	-9.3 -3.1 3.0	5050 5050 5050
		3-05-71	34.3	57.0	5104			1-27-71 2-25-71 3-31-71	27.8 29.1 35.9	4.6 3.3 -3.5	5050 5050 5050
08N/01E-11F01M	78.0	10-31-70 3-05-71	28.8 27.6	49.2 50.4	5104 5104			4-29-71 5-27-71 6-30-71	57.4 68.6 71.6	-25.0 -36.2 -39.2	5050 5050 5050
08N/01E-12D01M	70.0	10-31-70 3-05-71	34.0 25.1	36.0 44.9	5104 5104			7-30-71 8-31-71 9-30-71	71.0 68.8 54.4	-38.6 -36.4 -22.0	5050 5050 5050
08N/01E-12R03M	64.0	10-05-70 3-10-71	39.1 34.3	24.9 29.7	5001 5001	08N/03E-15D01M	14.0	10-15-70 3-17-71	24.9 11.1	-10.9 2.9	5050 5050
08N/01E-14P01M	79.0	10-31-70 3-05-71	40.3 35.9	38.7 43.1	5104 5104	08N/03E-19D01M	37.0	10-08-70 10-25-70	53.8 45.7	-16.8 -8.7	5001 5104
08N/01E-15B01M	85.0	10-29-70 10-31-70	25.3 26.1	59.7 58.9	5050 5104			3-08-71 3-11-71	44.7 37.1	-7.7 -0.1	5001 5104
		11-25-70 12-29-70 1-27-71	26.0 25.6 25.7	59.0 59.4 59.3	5050 5050 5050	08N/03E-28H01M	20.0	10-25-70 3-11-71	18.3 14.5	1.7 5.5	5104 5104
		2-25-71 3-05-71 3-31-71	25.9 25.5 25.3	59.1 59.5 59.7	5050 5104 5050	08N/03E-31N01M	32.0	10-08-70 3-08-71	68.9 41.6	-36.9 -9.6	5001 5001
		4-29-71 5-27-71 6-30-71	24.7 25.1 24.6	60.3 59.9 60.4	5050 5050 5050	08N/03E-32G01M	21.0	3-14-71	41.9	-9.9 -5.8	5104
		7-30-71 8-31-71	24.4 25.2	60.6 59.8	5050 5050			3-17-71	22.9	-1.9	5050
08N/01E-16B01M	93.5	9-30-71	26.6	58.4 44.3	5050	08N/03E-32L01M	25.0	10-15-70 3-17-71	41.4 28.2	-16.4 -3.2	5050
08N/01E-16D01M	94.0	3-11-71	38.3 37.8	55.2	5104	08N/01W-02K01M	130.0	10-31-70 3-05-71	27.6 26.6	102.4	5104 5104
08N/01E-17D01M	102.0	3-05-71 10-31-70	(1) 36.3	65.7	5104 5104	08N/01W-03D03M	163.0	10-05-70 3-10-71	65.2 58.1	97.8 104.9	5001 5001
08N/01E-17F01M	101.0	3-05-71 10-06-70	26.5 36.0	75.5 65.0	5104 5001	08N/01W-09C01M	163.0	10-31-70 3-05-71	55.2 49.1	107.8 113.9	5104 5104
08N/01E-18J02M	104.0	3-11-71	31.8	69.2	5001	08N/01W-10A02M	135.0	10-05-70 3-10-71	48.9 45.6	86.1 89.4	500 l 500 l
		3-05-71	31.3	72.7	5104						

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09	(Continued)				YOLO COUNTY 5-21.09	(Continued)			
08N/01W-10E01M	139.0	10-05-70 3-10-71	49.0 44.0	90.0 95.0	5001 5001	09N/01E-12M01M	81.0	11-03-70 3-16-71	37.3 36.4	43.7 44.6	5104 5104
08N/01W-11K02M	125.0	10-21-70 3-05-71	42.5 39.1	82.5 85.9	5104 5104	09N/01E-12Q01M	71.0	11-03-70 3-16-71	41.7 40.6	29.3 30.4	5104 5104
08N/01W-12D01M	122.0	10-31-70 3-05-71	32.5 31.2	89.5 90.8	5104 5104	09N/01E-16A01M	92.0	10-15-70 3-17-71	16.5 14.1	75.5 77.9	5050 5050
08N/01W-13F05M	114.0	10-06-70 3-11-71	39.2 (1)	74.8	5001 5001	09N/01E-20E01M	112.0	10-31-70 3-06-71	16.7 15.7	95.3 96.3	5104 5104
08N/01W-13G03M	113.0	10-31-70 3 - 05-71	36.3 (1)	76.7	5104 5104	09N/01E-22B01M	86.0	10-31-70 3-06-71	(7) (7)		5104 5104
08N/01W-14Q01M	120.0	10-31-70 3-05-71	39.2 37.3	80.8 82.7	5104 5104	09N/01E-24D01M	67.0	10-31-70 3-06-71	23.3 24.4	43.7 42.6	5104 5104
08N/01W-16R02M	128.0	10-05-70 10-31-70	52.6 50.5	75.4 77.5	5001 5104	09N/01E-26N01M	77.0	10-31-70 3-06-71	15.5 12.1	61.5 64.9	5104 5104
		3-05-71 3-10-71	41.8 42.5	86.2 85.5	5104 5001	09N/01E-27Q01M	87.0	10-31-70 3-06-71	20.0 17.1	67.0 69.9	5104 5104
08N/01W-20R02M	149.0	10-05-70 3-10-71	67.0 53.7	82.0 95.3	5001 5001	09N/01E-28M01M	102.0	10-31-70 3-06-71	(1) 14.7	87.3	5104 5104
08N/01W-20R05M	147.0	10-31-70 3-05-71	60.9 53.3	86.1 93.7	5104 5104	09N/01E-31D01M	116.0	10-15-70 3-17-71	15.5 13.4	100.5 102.6	5050 5050
08N/01W-21N01M	145.0	10-05-70 3-10-71	(1) 54.2	90.8	5001 5001	09N/01E-31K02M	111.0	10-05-70 3-10-71	32.6 22.8	78.4 88.2	5001 5001
08N/01W-22G02M	126.5	10-06-70 3-11-71	43.0 37.8	83.5 88.7	5001 5001	09N/02E-05C01M	68.0	11-02-70	44.1 42.6	23.9 25.4	5104 5104
08N/01W-22L01M	128.0	10-06-70 3-11-71	54.2 45.2	73.8 82.8	5001 5001	09N/02E-07A01M	72.0	3-16-71	54.1	17.9	5104
08N/01W-28B01M	139.0	10-05-70 3-11-71	56.1 (9)	82.9	5001 5001	09N/02E-07K01M	70.0	3-16-71	46.6 50.2	19.8	5104
08N/01W-28B02M	139.0	10-05-70 3-11-71	53.9 (1)	85.1	5001 5001	09N/02E-07L01M	66.0	3-16-71	45.8 47.9	18.1	5104
08N/01W-28N01M	142.0	10-06-70 3-11-71	53.6 45.4	88.4 96.6	5001 5001	09N/02E-09B01M	53.0	3-16-71 11-07-70	38.8	27.2	5104 5104
08N/01W-29M01M	155.0	10-05-70 3-10-71	62.1 58.5	92.9 96.5	5001 5001	09N/02E-10D01M	46.0	3-16-71 11-07-70	29.3	23.7	5104 5104
08N/01W-31H01M	153.0	10-05-70 3-10-71	36.3 33.5	116.7 119.5	5001 5001	09N/02E-10E01M	46.0	2-08-71 3-16-71	21.5 22.4	24.5 23.6	5050 5104
08N/01W-31J03M	144.7	10-05-70 3-10-71	22.1 20.5	122.6 124.2	5001 5001	09N/02E-11D01M	34.0	11-07-70 3-16-71	10.4 9.4	23.6 24.6	5104 5104
08N/01W-31K01M	157.0	10-05-70 3-10-71	35.4 34.9	121.6 122.1	5001 5001	09N/02E-16E01M	53.0	11-07-70 3-16-71	35.7 25.2	17.3 27.8	5104 5104
08N/01W-32C01M	147.0	10-05-70 3-10-71	46.8 41.1	100.2	5001 5001	09N/02E-16N01M	52.0	10-29-70 11-25-70	35.7 31.9	16.3 20.1	5050 5050
09N/01E-01L01M	74.0	11-02-70 3-16-71	51.6 41.6	22.4 32.4	5104 5104			12-29-70 1-27-71 2-25-71	25.6 24.1 23.2	26.4 27.9 28.8	5050 5050 5050
09N/01E-02A01M	84.0	11-02-70	66.3 54.3	17.7 29.7	5104 5104 5104			3-31-71 4-29-71 5-27-71	26.4 45.9 52.0	25.6 6.1 0.0	5050 5050 5050
09N/01E-02N01M	87.0	3-06-71	51.3	35.7	5104 5104 5104			6-30-71 7-30-71 8-31-71	51.4 58.4 50.6	0.6 -6.4 1.4	5050 5050 5050
09N/01E-03A02M	91.0	3-16-71	45.9 66.6	24.4	5104 5104 5104	09N/02E-17M01M	65.0	9-30-71	43.1	8.9	5050
09N/01E-03C03M	96.0	3-06-71	62.8	31.6	5104			3-16-71	33.3	31.7	5104
09N/01E-05E01M	116.0	3-06-71	49.7 15.7	100.3	5104 5104	09N/02E-20M01M	61.0	11-07-70 3-16-71	36.8 29.2	31.8	5104
09N/01E-07D01M	121.0	3-06-71 11-02-70	15.1	99.0	5104	09N/02E-21L01M	51.0	10-31-70 3-20-71	30.3	20.7	5104 5104
09N/01E-08D01M	116.0	3-06-71 11-02-70	9.8	107.8	5104	09N/02E-29Q03M	50.0	10-31-70 3-06-71	40.1	9.9 24.9	5104 5104
09N/01E-12A01M	70.0	3-06-71 11-03-70	5.3 49.5	20.5	5104	09N/02E-31D01M	65.0	10-31-70 3-06-71	44.9 36.5	20.1 28.5	5104 5104
		3-16-71	40.8	29.2	5104						

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	OATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
COLO COUNTY 5-21.09	(Continued	1)				YOLO COUNTY 5-21.09	(Continued)				
09N/02E-33H01M	47.0	10-31-70 3-20-71	48.1 35.1	-1.1 11.9	5104 5104	09N/01W-35M01M (Continued)	143.0	6-30-71 7-30-71 8-31-71	50.4 52.9 46.7	92.6 90.1 96.3	5050 5050 5050
09N/02E-35E01M	34.0	11-07-70 3-20-71	32.7 28.1	1.3 5.9	5104 5104	09N/01W-36G03M	119.5	9-30-71	41.6	101.4	5050
09N/03E-07D01M	25.0	11-07-70 3-16-71	13.6 11.1	11.4 13.9	5104 5104			3-06-71	21.0	98.5	5104
09N/03E-11N09M	13.0	11-03-70 3-20-71	8.9 5.1	4.1 7.9	5104 5104	10N/01E-02Q02M	72.5	11-03-70 3-06-71	58.2 39.8	14.3 32.7	5104 5104
09N/03E-31A02M	21.0	10-25-70 3-11-71	33.1 19.4	-12.1 1.6	5104 5104	10N/01E-03E01M	79.0	11-03-70 3-06-71	76.7 58.6	2.3 20.4	5104 5104
09N/04E-32G01M	12.0	10-29-70 11-24-70	9.6 8.9	2.4 3.1	5050 5050	10N/01E-07D01M	205.0	11-03-70 3-06-71	45.7 47.6	159.3 157.4	5104 5104
		12-27-70 1-26-71 2-24-71	5.9 5.4 6.1	6.1 6.6 5.9	5050 5050 5050	10N/01E-10G01M	84.0	11-03-70 3-06-71	70.0 55.0	14.0 29.0	5104 5104
		3-29-71 4-27-71	6.6 6.8	5.4 5.2	5050 5050	10N/01E-13L01M	82.0	11-07-70 3-06-71	61.5 50.8	20.5 31.2	5104 5104
		5-27-71 6-30-71 7-30-71	8.5 11.3 11.9	3.5 0.7 0.1	5050 5050 5050	10N/01E-14K01M	91.0	11-03-70 3-06-71	68.4 54.5	22.6 36.5	5104 5104
		8-30-71 9-30-71	9.5 9.4	2.5	5050 5050	10N/01E-15D01M	93.0	11-03-70 3-06-71	64.2 64.1	28.8 28.9	5104 5104
09N/04E-34K01M	18.4	10-15-70 3-15-71	16.1 9.9	2.3 8.5	5050 5050	10N/01E-15F02M	87.0	11-03-70 3-06-71	70.4 56.1	16.6 30.9	5104 5104
09N/01W-02Q02M	136.0	11-02-70 3-06-71	(3) 17.6	118.4	5104 5104	10N/01E-15R01M	94.0	11-03-70 3-06-71	(1) (1)		5104 5104
09N/01W-03B01M	148.0	11-02-70 3-06-71	17.9 12.7	130.1 135.3	5104 5104	10N/01E-18C01M	185.0	11-02-70	49.1	135.9	5104
09N/01W-05B01M	185.0	11-02-70 3-07-71	14.3 13.0	170.7 172.0	5104 5104	10N/01E-19K01M	120.0	3-06-71	53.4	131.6	5104
09N/01W-07R01M	210.0	11-02-70 3-06-71	36.8 34.1	173.2 175.9	5104 5104	10N/01E-23G01M	92.0	3-06-71 11-03-70	(3)		5104
09N/01W-08Q01M	190.0	11-02-70 3-06-71	16.9 19.0	173.1 171.0	5104 5104	10N/01E-23Q02M	87.0	3-06-71 11-03-70	56.4 68.4	35.6 18.6	5104 5104
09N/01W-09K01M	168.0	11-02-70 3-06-71	11.6 10.7	156.4 157.3	5104 5104	10N/01E-24E01M	83.0	3-06-71 11-03-70	55.3 67.9	31.7 15.1	5104 5104
09N/01W-09P01M	182.0	11-02-70 3-06-71	18.3 18.8	163.7 163.2	5104 5104	10N/01E-26E03M	97.0	3-05-71 11-03-70	50.7 73.3	32.3	5104 5104
09N/01W-11K01M	138.0	11-02-70 3-06-71	12.0 11.7	126.0 126.3	5104 5104	10N/01E-27F01M	100.0	3-06-71	59.7	37.3	5104
09N/01W-15D01M	164.0	10-31-70	16.4	147.6	5104			3-06-71	57.2	42.8	5104
09N/01w-16N01M	180.0	3-06-71 10-31-70	19.9	144.1	5104 5104	10N/01E-28K01M	109.0	11-03-70 3-06-71	47.8 35.1	61.2 73.9	5104 5104
09N/01w-21E01M	170.0	3-06-71 10-31-70	9.4	170.6 159.8	5104	10N/01E-29K01M	110.0	11-03-70 3-06-71	25.4 17.4	84.6 92.6	5104 5104
09N/01W-24G01M	125.0	3-06-71 10-31-70	7.8 11.9	162.2	5104 5104	10N/01E-31E01M	128.0	11-02-70 3-07-71	27.6 17.5	100.4 110.5	5104 5104
09N/01W-27B01M	149.0	3-06-71 10-31-70	10.1	114.9	5104	10N/01E-32E01M	124.0	11-02-70 3-07-71	28.0 18.6	96.0 105.4	5104 5104
		3-06-71	15.6	133.4	5104	10N/01E-33P01M	130.0	11-02-70 3-06-71	66.7 61.9	63.3 68.1	5104 5104
09N/01W-29J01M	182.0	10-31-70 3-06-71	DRY		5104 5104	10N/01E-34A03M	100.0	11-03-70 3-06-71	75.6 65.8	24.4 34.2	5104 5104
09N/01W-33J01M	169.0	10-31-70 3-06-71	31.3 33.6	137.7 135.4	5104 5104	10N/01E-34C01M	113.2	10-30-70 11-30-70	79.1 77.6	34.1 35.6	5050 5050
09N/01W-35M01M	143.0	10-29-70 10-31-70 11-25-70 12-29-70 1-27-71 2-25-71 3-06-71 3-31-71 4-29-71 5-27-71	35.0 39.9 34.9 32.8 32.8 33.3 35.0 34.4 41.7 44.0	108.0 103.1 108.1 110.2 110.2 109.7 108.0 108.6 101.3 99.0	5050 5104 5050 5050 5050 5050 5104 5050 5050			12-30-70 1-28-71 2-28-71 3-31-71 4-29-71 5-30-71 6-30-71 7-30-71 8-30-71 9-29-71	75.4 72.8 69.2 68.1 70.6 74.8 79.1 80.9 81.0 80.8	37.8 40.4 44.0 45.1 42.6 38.4 34.1 32.3 32.2 32.4	5050 5050 5050 5050 5050 5050 5050 505

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09	(Continued)				YOLO COUNTY 5-21.09	(Continued))			
10N/01E-36Q02M	85.0	11-02-70 3-06-71	71.4 57.3	13.6 27.7	5104 5104	10N/03E-30A01M	24.0	10-15-70 3-16-71	21.3 9.1	2.7 14.9	5050 5050
10N/02E-01P02M	30.0	11-03-70 3-06-71	19.9 10.5	10.1 19.5	5104 5104	10N/03E-32E01M	21.0	10-15-70 3-16-71	17.8 5.6	3.2 15.4	5050 5050
10N/02E-03R02M	37.0	11-03-70 3-06-71	27.4 18.8	9.6 18.2	5104 5104	10N/03E-33B01M	22.0	10-15-70 3-16-71	14.0 8.1	8.0 13.9	5050 5050
10N/02E-04R01M	44.0	11-03-70 3-06-71	24.9 19.0	19.1 25.0	5104 5104	10N/01W-04C01M	178.0	10-24-70 3-06-71	56.7 37.3	121.3 140.7	5104 5104
10N/02E-05M02M	64.5	11-03-70 3-06-71	46.3 38.0	18.2 26.5	5104 5104	10N/01W-05E01M	185.0	10-24-70 3-06-71	67.4 46.6	117.6 138.4	5104 5104
10N/02E-06B01M	65.0	11-03-70 3-06-71	51.1 43.3	13.9 21.7	5104 5104	10N/01W-06A01M	189.0	10-24-70 3-08-71	71.6 56.0	117.4 133.0	5104 5104
10N/02E-06M01M	72.0	11-03-70 3-06-71	59.1 46.2	12.9 25.8	5104 5104	10N/01W-06D01M	205.0	10-15-70 3-17-71	79.5 61.7	125.5 143.3	5050 5050
10N/02E-08D02M	67.0	11-03-70 3-06-71	47.0 (1)	20.0	5104 5104	10N/01W-08B01M	176.0	10-24-70 3-07-71	58.1 32.0	117.9 144.0	5104 5104
, 10N/02E-08E01M	67.0	11-03-70 3-06-71	48.7	18.3	5104 5104	10N/01W-09F02M	171.0	10-24-70 3-06-71	56.8 31.5	114.2 139.5	5104 5104
/ 10N/02E-08Q01M	63.0	11-03-70 3-06-71	44.7 41.2	18.3 21.8	5104 5104	10N/01W-14B01M	153.0	11-02-70 3-06-71	23.8 21.6	129.2 131.4	5104 5104
- 10N/02E-09N01M	63.0	11-03-70 3-06-71	49.1 41.8	13.9	5104 5104	10N/01W-15A01M	155.0	11-02-70	DRY		5104
V 10N/02E-10R01M	47.0	11-03-71 3-06-71	32.6 23.6	14.4 23.4	5104 5104	10N/01W-15B01M	153.0	11-02-70 3-06-71	32.9 23.4	120.1 129.6	5104 5104
= 10N/02E-12R01M	35.0	11-03-70 3-06-71	26.3 13.9	8.7	5104 5104	10N/01W-15P01M	160.0	11-02-70 3-06-71	39.5 26.3	120.5 133.7	5104 5104
10N/02E-14E01M	36.0	11-03-70 3-06-71	14.8	21.2	5104 5104	10N/01W-17N01M	180.0	10-24-70 3-07-71	56.5 25.2	123.5 154.8	5104 5104
10N/02E-14G01M	32.0	10-29-70 11-25-70	16.7 15.4	15.3	5050 5050	10N/01W-18A01M	179.0	10-15-70 3-17-71	53.7 30.7	125.3 148.3	5050 5050
		12-29-70 1-27-71 2-25-71	10.4 7.6 7.3	21.6 24.4 24.7	5050 5050 5050	10N/01W-18E01M	188.0	10-15-70 3-17-71	58.3 29.7	129.7 158.3	5050 5050
		3-31-71 4-29-71 5-27-71	8.3 18.5 20.1	23.7 13.5	5050 5050	10N/01W-19Q04M	188.0	10-24-70 3-07-71	41.5 41.2	146.5 146.8	5104 5104
		6-30-71 7-30-71	22.6 23.2	11.9 9.4 8.8	5050 5050 5050	10N/01W-21G01M	163.0	11-02-70 1-15-71	(7) (0)		5104 5050
		8-31-71 9-30-71	21.1	10.9	5050 5050	10N/01W-21J01M	160.0	11-02-70 3-06-71	39.1 28.9	120.9 131.1	5104 5104
10N/02E-15N01M	45.0	11-07-70 3-06-71	35.0 27.0	10.0 18.0	5104 5104	10N/01W-23P01M	141.0	11-02-70 3-06-71	28.0 17.7	113.0 123.3	5104 5104
10N/02E-18M01M	74.0	11-07-70 3-06-71	54.6 45.8	19.4 28.2	5104 5104	10N/01W-24L02M	137.0	11-02-70 3-06-71	22.2 15.7	114.8 121.3	5104 5104
10N/02E-20E01M	62.0	11-07-70 3-06-71	40.0 (6)	22.0	5104 5104	10N/01W-26D03M	147.0	11-02-70 3-06-71	32.0 21.0	115.0 126.0	5104 5104
10N/02E-20N01M	65.0	11-07-70 3-06-71	48.1 37.8	16.9 27.2	5104 5104	10N/01W-27F01M	147.0	11-02-70 3-06-71	33.1 18.0	113.9 129.0	5104 5104
10N/02E-21M02M	52.0	11-07-70 3-06-71	33.2 29.0	18.8 23.0	5104 5104	10N/01W-27N01M	150.0	10-29-70 11-25-70	29.3 28.0	120.7 122.0	5050 5050
10N/02E-24B01M	29.0	11-03-70 3-06-71	21.9 9.9	7.1 19.1	5104 5104			12-29-70 1-27-71 2-25-71	22.0 17.6 16.0	128.0 132.4 134.0	5050 5050 5050
10N/02E-26Q01M	32.0	11-03-70 3-16-71	44.8 13.8	-12.8 18.2	5104 5104			3-31-71 4-29-71 5-27-71	15.6 18.8 22.5	134.4 131.2 127.5	5050 5050 5050
10N/02E-31M01M	77.0	11-02-70 3-06-71	59.5 52.0	17.5 25.0	5104 5104			6-30-71 7-30-71 8-31-71	25.3 33.8 32.6	124.7 116.2 117.4	5050 5050 5050
10N/02E-33R01M	52.0	11-07-70 3-16-71	35.8 26.0	16.2 26.0	5104 5104	10N/01W-27P01M	146.0	9-30-71 11-02-70	33.1	116.9	5050 5104
10N/02E-34M01M	54.0	11-07-70 3-16-71	40.1 28.6	13.9 25.4	5104 5104	10N/01W-29M01M	173.0	3-06-71	19.5	126.5	5104
10N/03E-14C01M	25.0	10-15-70 3-16-71	14.6 9.2	10.4 15.8	5050 5050	2017 0 211 2210 201	-,2.0	3-07-71	(8)		5104

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
YOLO COUNTY 5-21.09	(Continued)				YOLO COUNTY 5-21.09	(Continued))			
10N/01W-30K01M	181.0	11-02-70 3-07-71	25.3 12.4	155.7 168.6	5104 5104	11N/01E-19A02M	57.0	10-07-70 3-08-71	(1) 36.9	20.1	5001 5001
10N/01W-32B01M	180.0	11-02-70 3-07-71	15.8 (1)	164.2	5104 5104	11N/01E-22D01M	45.0	10-07-70 3-09-71	25.2 22.4	19.8 22.6	5001 5001
10N/01W-32E01M	188.0	11-02-70 3-06-71	(1) 15.4	172.6	5104 5104	11N/01E-23C01M	46.6	10-07-70 3-09-71	49.0 29.9	-2.4 16.7	5001 5001
10N/01W-33F01M	165.0	11-02-70 3-06-71	29.7 (1)	135.3	5104 5104	11N/01E-23P01M	56.0	10-07-70 3-09-71	64.2 38.8	-8.2 17.2	5001 5001
10N/01W-36B02M	131.0	11-02-70 3-07-71	26.5 16.1	104.5 114.9	5104 5104	11N/01E-24P03M	46.0	10-07-70 3-09-71	33.8 25.6	12.2 20.4	5001 5001
10N/02W-01M02M	225.0	10-15-70 3-17-71	98.7 80.1	126.3 144.9	5050 5050	11N/01E-24P04M	45.0	10-07-70 3-09-71	33.1 25.2	11.9	5001 5001
10N/02W-12D01M	210.0	10-15-70 3-17-71	DRY 63.7	146.3	5050 5050	11N/01E-25E01M	48.0	10-07-70 3-09-71	33.8 30.0	14.2 18.0	5001
10N/02W-14A01M	200.0	10-24-70	80.0 70.2	120.0 129.8	5104 5104	11N/01E-25R01M	55.0	10-07-70 3-08-71	42.9 32.3	12.1	5001 5001
10N/02W-16R01M	229.0	3-07-71	15.8	N 113.2	5104	11N/01E-26N01M	66.0	10-07-70	47.2 43.7	18.8 22.3	5001 5001
10N/02W-17J01M	254.0	3-07-71	13.7	243.3	5104 5104	11N/01E-26N02M	66.0	3-09-71	47.4	18.6	5001
10N/02W-21G01M	239.0	3-07-71	9.5	244.5	5104	11N/01E-27A01M	65.0	3-09-71	70.7	22.7 -5.7	5001
10N/02W-25D01M	232.0	3-07-71 11-02-70	16.0 48.8	223.0 183.2	5104	11N/01E-27N02M	63.0	3-09-71 10-07-70	(0) 69.0	-6.0	5001
10N/02W-28J01M	365.0	3-07-71 11-02-70	35.0 67.9	197.0 297.1	5104	11N/01E-35J01M	58.0	3-08-71 10-07-70	43.7 53.4	19.3	5001
10N/02W-35A01M	250.0	3-07-71 11-02-70	64.5 53.6	300.5 196.4	5104	11N/02E-16R01M	35.0	3-09-71 10-20-70	35.5 18.1	22.5 16.9	5050
10N/02W-36A01M	191.0	3-07-71 11-02-70	(3) (8)		5104 5104	11N/02E-17P01M	42.0	3-18-71 10-06-70	14.0 38.4	3.6	5050
11N/01E-03E01M	36.0	3-07-71	8.5	182.5 -14.5	5104 5001	11N/02E-18E01M	34.0	3-09-71 10-29-70	23.3	18.7 13.2	5001
11N/01E-04E02M	37.0	3-09-71 10-07-70	17.3	18.7	5001	,-		11-25-70 12-29-70 1-27-71	20.3 17.2 16.3	13.7 16.8 17.7	5050 5050 5050
		3-09-71	22.8	14.2	5001			2-25-71 3-31-71 4-29-71	15.8 15.3 15.2	18.2 18.7 18.8	5050 5050 5050
11N/01E-06P01M	40.0	3-09-71	(1)		5001			5-27-71 6-30-71	14.7 16.6	19.3 17.4	5050 5050 5050
11N/01E-06R02M	35.0	10-07-70 3-09-71	(4) 25.0	10.0	5001			7-30-71 8-31-71 9-30-71	17.7 19.7 20.6	16.3 14.3 13.4	5050 5050
11N/01E-08F01M	40.0	10-07-70 3-09-71	(4) (4) (0)		5001 5001	11N/02E-18F02M	40.0	10-06-70 3-09-71	31.5 21.2	8.5 18.8	5001 5001
11N/01E-09F01M	46.0	10-07-70 3-09-71	55.5 24.3	-9.5 21.7	5001 5001	11N/02E-18N01M	40.0	10-06 - 70 3-09 - 71	44.9 24.9	-4.9 15.1	5001 5001
11N/01E-09F02M	45.0	10-07-70 3-09-71	51.0 20.1	-6.0 24.9	5001 5001	11N/02E-19A01M	45.0	3-09-71	23.7	21.3	5001
11N/01E-09P01M	47.5	10-07-70 3-09-71	31.5 22.3	16.0 25.2	5001 5001	11N/02E-20K04M	50.0	10-20-70 3-18-71	43.9 34.4	6.1 15.6	5050 5050
11N/01E-09R01M	39.0	10-07-70 3-09-71	26.4 12.4	12.6 26.6	5001 5001	11N/02E-23M01M	29.0	10-06-70 3-08-71	15.8 9.6	13.2 19.4	5001 5001
11N/01E-14E01M	39.0	10-07-70 3-09-71	47.5 23.4	-8.5 15.6	5001 5001	11N/02E-27E04M	37.0	10-06-70 3-09-71	(1) 17.6	19.4	5001 5001
11N/01E-15C01M	42.0	10-07-70 3-09-71	46.6 23.0	-4.6 19.0	5001 5001	11N/02E-28C01M	42.0	10-06-70 3-09-71	35.6 20.4	6.4 21.6	5001 5001
11N/01E-16J01M	46.0	10-07-70 3-09-71	29.2 25.1	16.8 20.9	5001 5001	11N/02E-29A01M	44.0	10-06-70 3-09-71	33.8 20.9	10.2 23.1	5001 5001
11N/01E-17F01M	50.5	10-07-70 3-08-71	48.3 27.8	2.2 22.7	5001 5001	11N/02E-29D01M	55.0	3-09-71	32.8	22.2	5001
11N/01E-18C01M	52.0	10-07-70 3-08-71	66.7 36.1	-14.7 15.9	5001 5001	11N/02E-29N01M	52.0	10-06-70 3-09-71	45.9 30.4	6.1 21.6	5001 5001
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TABLE C-2 (Cont.)

	Continued		SURFACE IN FEET	ELEVATION IN FEET	SUPPLYING DATA	STATE WELL NUMBER	SURFACE ELEVATION IN FEET	DATE	TO WATER SURFACE IN FEET	SURFACE ELEVATION IN FEET	SUPPLYING
11N/01W-19N01M)				YOLO COUNTY 5-21.09	(Continued)			
	32.0	10-20-70 3-18-71	14.2 6.3	17.8 25.7	5050 5050	12N/01W-24F01M	36.1	10-06-70 3-08-71	24.4 16.2	11.7 19.9	5001 5001
11N/01W-28D01M	229.0	3-17-71	34.8	194.2	5050	12N/01W-26L02M	50.0	10-06-70 3-08-71	56.9 38.2	-6.9	5001
	222.0	10-15-70 3-17-71	21.6 19.1	200.4 202.9	5050 5050	12N/01W-36K01M	40.0	10-06-70	56.3	-16.3	5001
11N/01W-30D01M	237.0	10-15-70 3-17-71	39.0 38.5	198.0 198.5	5050 5050			3-08-71	31.3	8.7	5001
11N/01W-34P01M	195.0	10-15-70 3-17-71	19.6 18.9	175.4 176.1	5050 5050	CAPAY VALLEY 5-21.10 10N/02W-07A01M	280.0	10-24-70	15.5	264.5	5104
11N/02W-23A01M	292.0	10-15-70 3-17-71	61.9 62.3	230.1 229.7	5050 5050	10N/02W · 18F01M	334.0	3-07-71 10-24-70	14.8	265.2 312.5	5104 5104
11N/02W-24A01M	250.0	10-15-70 3-17-71	26.1 25.9	223.9 224.1	5050 5050	10N/03W-02R01M	335.0	3-07-71 10-24-70	14.8 33.6	319.2	5104 5104
11N/02W-26A01M	275.0	10-24-70 3-07-71	70.0 68.3	205.0 206.7	5104 5104	10N/03W-13E01M	385.0	3-07-71 10-24-70	23.7 32.4	311.3	5104 5104
11n/02W-26J01M	274.0	10-24-70 3 - 07-71	80.3 76.6	193.7 197.4	5104 5104	10N/03W-24B01M	430.0	3-07-71 10-24-70	25.2 18.7	359.8 411.3	5104 5104
11n/02w-35E01m	305.0	10-24-70 3-07-71	139.6 121.7	165.4 183.3°	5104 5104	11N/03W-03L01M	345.0	3-07-71 10-24-70	15.0 15.0	415.0 330.0	5104 5104
12N/01E-10H01M	25.6	10-07-70 3-08-71	7.3 4.4	18.3 21.2	5001 5001	11N/03W-04P01M	409.0	3-08-71 10-24-70	8.9 59.0	336.1 350.0	5104 5104
12N/01E-15Q01M	20.7	10-06-70 3-08-71	18.0/ 7.4	2.7 13.3	5001 5001	11N/03W-09Q01M	415.0	3-08-71 10-24-70	39.2	369.8	5104 5104
12N/02E-30F01M	26.0	10-06-70 3-08-71	10.3 9.4	15.7 16.6	5001 5001	11N/03W-15G01M	330.0	3-08-71 10-24-70	13.6 23.7	401.4 306.3	5104 5104
12N/01W-01G01M	35.0	10-06-70 3-08-71	(9) 16.7	18.3	5001 5001	11N/03W-22B01M	327.0	3-08-71 10-24-70	19.0	311.0	5104 5104
12N/01W-05B01M	137.9	10-06-70 10-29-70	118.7 121.1	19.2 16.8	5001 5050	11N/03W-23N01M	317.0	3-07-71 10-24-70	21.9	305.1 295.3	5104 5104
		11-25-70 12-29-70 1-27-71	(1) 118.0 116.9	19.9 21.0	5050 5050 5050	11N/03W-26M03M	308.0	3-08-71	20.1	296.9 278.4	5104 5104
		2-25-71 3-08-71 3-31-71	116.3 116.1 115.9	21.6 21.8 22.0	5050 5001 5050	11N/03W-34C01M	370.0	3-08-71 10-24-70	26.1 35.2	281.9	5104 5104
		4-29-71 5-27-71 6-30-71	116.6 118.5 122.7	21.3 19.4 15.2	5050 5050 5050	11N/03W-35J01M	292.0	3-08-71	39.4	330.6	5104
		7-30-71 8-31-71 9-30-71 (1	124.7 124.7	13.2 13.2 9.2	5050 5050 5050	11N/03W-36M01M	286.0	3-07-71	12.8	279.2 268.4	5104
12N/01W-06J01M	165.0	10-06-70 3-08-71	(1) 123.2	41.8	5001 5001	12N/03W-18G02M	435.0	3-07-71	(1)	392.2	5104
12N/01W-09E01M	110.2	10-06-70	99.9	10.3	5001			10-24-70 3-07-71	42.8 36.0	399.0	5104 5104
12N/01W-09R01M	79.2	3-08-71	85.8	12.4	5001	12N/03W-20D01M	402.0	10-24-70 3-08-71	(8) 22.6	379.4	5104 5104
12N/01w-09R02M	80.0	3-08-71	65.4 67.1	13.8	5001	12N/03W-29K01M	400.0	10-24-70 3-08-71	(1) (8)		5104 5104
12N/01W-14M01M	43.5	10-06-70 3-08-71	48.0 27.0	-4.5 16.5	5001 5001	12N/03W-32Q01M	410.0	10-24-70 3-08-71	46.7 34.0	363.3 376.0	5104 5104
12N/01W-15K01M	54.0	10-06-70 3-08-71	53.7 34.4	0.3 19.6	5001 5001	12N/03W-33F01M	361.0	10-24-70 3-08-71	18.5 16.9	342.5 344.1	5104 5104
12N/01W-22R01M	51.0	10-29-70 11-25-70	44.5 42.2	6.5 8.5	5050 5050	12N/04W-12R01M	446.0	10-24-70 3-08-71	23.2 23.7	422.8 422.3	5104 5104
		12-29-70	41.2 39.7	9.8 11.3	5050 5050	SOLANO COUNTY 5-21.1	l				
		2-25-71 3-31-71 4-29-71	39.5 39.7 45.7	11.5 11.3 5.3	5050 5050 5050	04N/01E-12A01M	78.0	10-13-70 3-04-71	10.6 2.3	67.4 75.7	5050 5050
		5-27-71 6-30-71 7-30-71	55.3 57.1 58.8	-4.3 -6.1 -7.8	5050 5050 5050	04N/02E-09A01M	39.0	10-27-70 3-16-71	19.1 19.7	19.9 19.3	5109 5109
		8-31-71 9-30-71	60.6 52.6	-9.6 -1.6	5050 5050	05N/01E-02E01M	25.0	10-27-70 3-17-71	7.5 3.8	17.5 21.2	5109 5109

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.	ll (Continu	ied)				SOLANO COUNTY 5-21.	ll (Continue	ed)			
05N/01E-03P01M	35.0	10-13-70 3-04-71	13.8 10.7	21.2 24.3	5050 5050	06N/01E-24L03M	32.0	10-14-70 3-05-71	11.3 10.3	20.7 21.7	5050 5050
05N/01E-06G01M	58.0	10-13-70	(6)		5050	06N/01E-27G01M	43.0	10-27-70 3-17-71	9.6 10.7	33.4 32.3	5109 5109
05N/01E-11R01M	24.5	10-13-70 3-04-71	(1) 14.4	10.1	5050 5050	06N/01E-27G02M	41.2	10-27-70 3-17-71	14.9 13.9	26.3 27.3	5109 5109
05N/01E-21E01M	36.0	10-27-70 3-17-71	10.5 4.8	25.5 31.2	5109 5109	06N/01E-31A01M	60.0	10-14-70 3-04-71	15.8 15.1	44.2 44.9	5050 5050
05N/01E-22C01M	33.0	10-27-70 3-17-71	11.1 6.5	21.9 26.5	5109 5109	06N/01E-33L01M	43.0	10-16-70 10-27-70	10.8 8.2	32.2 34.8	5050 5109
05N/01E-26M02M	19.0	10-27-70 3-17-71	2.6 1.5	16.4 17.5	5109 5109			11-16-70 12-22-70 1-18-71	10.5 8.3 10.0	32.5 34.7 33.0	5050 5050 5050
05N/01E-36A01M	24.0	10-26-70 3-17-71	10.0 7.0	14.0 17.0	5109 5109			3-02-71 3-17-71 3-30-71	10.3 10.0 10.0	32.7 33.0 33.0	5050 5109 5050
05N/01E-36A02M	23.0	10-16-70 11-16-70 12-22-70 1-18-71 3-02-71 3-20-71	(7) 10.3 7.1 5.4 6.3 6.5	12.7 15.9 17.6 16.7	5050 5050 5050 5050 5050 5050			4-28-71 5-26-71 6-24-71 7-30-71 8-31-71 9-28-71	10.0 10.0 10.3 10.4 10.6 (1) 15.0	33.0 33.0 32.7 32.6 32.4 28.0	5050 5050 5050 5050 5050 5050
		4-28-71 5-26-71 6-24-71 7-30-71	6.9 7.7 8.3 9.0	16.1 15.3 14.7 14.0	5050 5050 5050 5050	06N/02E-02M03M	25.0	10-14-70 3-05-71	(1) 35.8 27.6	-10.8 -2.6	5050 5050
	•	8-31-71 9-28-71	9.6 9.9	13.4 13.1	5050 5050	06N/02E-08B01M	25.7	10-09-70 10-16-70 11-16-70	55.2 51.9 47.2	-29.5 -26.2 -21.5	5001 5050 5050
05N/02E-06A01M	14.0	10-27-70 3-16-71	8.1	5.9 5.9 2.0	5109 5109			12-22-70 1-18-71 3-05-71	44.2 42.1 39.6 (1) 46.5	-18.5 -16.4 -13.9 -20.8	5050 5050 5050 5001
05N/02E-07R01M	15.0	10-27-70 3-16-71 10-27-70	13.0 11.7	3.3	5109 5109 5109			3-30-71 4-28-71 5-26-71	(1) (1) 41.8 (1)	-16.1	5050 5050 5050
05N/02E-19M01M 05N/02E-31J01M	31.0	3-16-71 10-27-70	8.9	3.1	5109			6-24-71 7-30-71 8-31-71	(1) (1) (1)		5050 5050 5050
05N/02E-33G01M	13.0	3-16-71 10-27-70	7.0	18.6 5.0	5109 5109	06N/02E-09C01M	21.0	10-09-70	42.4	-26.5 -21.4	5050
05N/02E-36N01M	0.7	3-16-71	6.1	1.0 -5.4	5109	06N/02E-13N01M	10.0	3-09-71 10-09-70 3-09-71	6.9	-13.1 3.1 3.9	5001 5001 5001
05N/01W-02B01M	97.0	3-16-71	20.6	-4.6 76.4	5050	06N/02E-14Q01M	12.0	10-16-70 11-16-70	6.1 16.7 10.3	-4.7 1.7	5050 5050
05N/01W-12H01M	62.0	3-04-71 10-13-70 3-04-71	18.7 19.3 18.6	78.3 42.7 43.4	5050 5050 5050			12-22-70 1-18-71	4.8	7.2	5050 5050
06N/01E-02B01M	46.0	10-14-70 3-05-71	65.6 33.0	-19.6 13.0	5050 5050 5050	06N/02E-20H02M	20.0	10-14-70 3-05-71	37.5 28.8	-17.5 -8.8	5050 50 5 0
06N/01E-06D01M	77.0	10-26-70 3-16-71	11.0 11.3	66.0 65.7	5109 5109	06N/02E-26D01M	8.0	10-27-70 3-16-71		0.2	5109 5109
06N/01E-10H01M	52.0	10-14-70 3-05-71	11.7 10.6	40.3 41.4	5050 5050	06N/02E-29N01M	19.0	10-14-70 10-27-70 3-05-71		8.5 8.1 8.1	5050 5109 5050
06N/01E-12M01M	40.0	10-16-70 11-16-70 12-22-70 1-18-71 3-02-71 3-02-71 4-28-71 5-26-71 6-24-71 7-30-71 8-31-71 9-28-71	22.5 25.0 22.7 22.3 23.1 23.4 23.7 23.0 21.8 22.3 24.6 25.6	17.5 15.0 17.3 17.7 16.9 16.6 16.3 17.0 18.2 17.7 15.4	5050 5050 5050 5050 5050 5050 5050 505	06N/01W-01B01M	82.0	3-16-71 10-16-70 10-26-70 11-16-70 12-22-70 1-18-71 3-02-71 3-30-71 4-28-71 5-26-71 6-24-71 7-30-71	23.7 21.4 20.7 18.3 17.7 17.5 16.9 17.6 18.6 43.0	8.0 58.3 60.6 61.3 63.7 64.3 64.5 65.1 64.4 63.4 64.0 39.0	5109 5050 5109 5050 5050 5050 5109 5050 5050
06N/01E-12M03M	40.0	10-14-70 3-05-71	53.1 38.7	-13.1 1.3	5050 5050	04N/01U 00102V	175.0	8-31-71	23.6	58.4	5050
06N/01E-18N01M	72.7	10-27-70 3-16-71	7.4 5.7	65.3 67.0	5109 5109	06N/01W-09L02M	175.0	10-26-70 3-16-71	FLOW	65.7	5109
06N/01E-22D01M	44.6	10-27-70 3-16-71	0.7 5.3	43.9 39.3	5109 5109	06N/01W-10R01M	100.0	10-14-70 3-04-71		68.5	5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.	ll (Continu	sed)		•		SOLANO COUNTY 5-21.	11 (Continu	ıed)			
06N/01W-10R04M	100.0	10-14-70 3-04-71	31.3 28.7	68.7 71.3	5050 5050	07N/01E-24N03M	55.0	10-12-70 3-09-71	35.9 33.3	19.1 21.7	5001 5001
06N/01W-12Q01M	77.0	10-14-70 3-04-71	9.7 8.5	67.3 68.5	5050 5050	07N/01E-26Q02M	55.0	10-12-70 3-09-71	68.6 35.1	-13.6 19.1	5001 5001
06N/01W-13R01M	74.5	10-14-70 3-04-71	7.2 5.6	67.3 68.9	5050 5050	07N/01E-29P01M	74.0	10-13-70 3-16-71	10.6 8.4	63.4 65.6	5001 5001
06N/01W-15N01M	130.0	10-14-70 3-04-71	127.8 123.0	2.2	5050 5050	07N/01E-30M01M	87.0	10-12-70 3-16-70	12.1 10.5	74.9 76.5	5001 5001
06N/01W-15P01M	123.0	10-14-70 3-04-71	114.1 110.9	8.9 12.1	5050 5050	07N/01E-33A01M	65.0	10-12-70 3-09-71	54.4 30.5	10.6 34.5	5001 5001
06N/01W-20D01M	201.0	10-26-70 3-16-71	19.2 15.0	181.8 186.0	5109 5109	07N/01E-33R01M	60.0	10-16-70 11-16-70	9.0	51.0 49.6	5050 5050
06N/01W-21A01M	138.0	10-26-70 3-16-71	27.0 25.0	111.0	5109 5109			12-22-70 1-18-71 3-02-71	5.4 6.2 7.8	54.6 53.8 52.2	5050 5050 5050
06N/01W-21R01M	135.0	10-26-70 3-16-71	13.1	121.9	5109 5109			3-30-71 4-28-71 5-26-71	8.5 7.3 5.1	51.5 52.7 54.9	5050 5050 5050
06N/01W-23B01M	93.0	10-26-70 3-16-71	21.5	71.5 70.9	5109 5109			6-24-71 7-30-71 8-31-71	4.9 5.3 6.1	55.1 54.7 53.9	5050 5050 5050
06N/01W-23C01M	100.0	10-26-70 3-16-71	27.0 28.0	73.0 72.0	5109 5109	07N/02E-02B02M	34.0	9-28-71	7.3	52.7	5050
06N/01W-24N01M	88.0	10-14-70 3-04-71	27.2 28.7	60.8	5050 5050	07N/02E-04A02M	50.0	3-08-71	52.4 95.3	-18.4 -45.3	5001
06N/01W-24N02M	90.0	10-14-70 3-04-71	88.3 82.0	1.7	5050 5050	07N/02E-04M02M	52.5	3-09-71	65.9 83.8	-15.9 -31.3	5001
07N/01E-01M02M	64.0	10-12-70 3-15-71	23.6 26.3	40.4 37.7	5001 5001	07N/02E-04N03N	55.0	3-09-71	66.2	-13.7 16.5	5001
07N/01E-03G01M	82.0	10-12-70 3-16-71	39.2 34.6	42.8 47.4	5001	07N/02E-07G03H	51.0	3-09-71	34.6	20.4	5001
07N/01E-04P03M	89.0	10-12-70	19.7	69.3	5001			3-09-71	(9) 64.1	-13.1	5001
07N/01E-05F01M	91.3	3-09-71	25.6	69.2	5001	07N/02E-12C01M	27.0	10-09-70 3-08-71	77.2 55.7	-50.2 -28.7	5001
07N/01E-08F03M	86.0	3-16-71	12.7	73.3	5001	07N/02E-12C02M	28.0	10-09-70 3-08-71	79.1 55.1	-51.1 -27.1	5001
07N/01E-10E01M	78.5	3-16-71	18.3	73.9	5001	07N/02E-14F02M	31.0	10-09-70 3-08-71	73.3 61.2	-42.3 -30.2	5001
07N/01E-11M01M	75.0	3-09-71 10-12-70	22.5	56.0 46.9	5001	07N/02E-14M01M	34.0	10-09-70 3-08-71	78.4 61.7	-44.4 -27.7	5001
07N/01E-12N02M	64.0	3-09-71 10-12-70	30.0	45.0 34.8	5001	07N/02E-19E02M	50.3	10-09-70 3-09-71	54.5 42.5	-4.2 7.8	5001
		10-16-70 11-16-70 12-22-70	29.1 29.5 28.4	34.9 34.5 35.6	5050 5050 5050	07N/02E-21F02M	46.0	10-09-70 3-09-71	83.4 64.3	-37.4 -18.3	5001 5001
		1-18-71 3-02-71 3-09-71 3-30-71 4-28-71	28.3 28.7 28.8 29.2 29.2	35.7 35.3 35.2 34.8 34.8	5050 5050 5001 5050 5050	07N/02E-24N02M	23.0	10-16-70 11-16-70 12-22-70 1-18-71 3-02-71 3-30-71	30.6 31.0 30.5 30.1 29.8 29.6	-7.6 -8.0 -7.5 -7.1 -6.8	5050 5050 5050 5050 5050 5050
		5-26-71 6-24-71 7-30-71 8-31-71 9-28-71	26.8 26.7 27.6 29.0 30.0	37.2 37.3 36.4 35.0 34.0	5050 5050 5050 5050 5050			4-28-71 5-26-71 6-24-71 7-30-71 8-31-71	29.0 29.3 29.1 29.4 29.7 30.2	-6.6 -6.3 -6.1 -6.4 -6.7	5050 5050 5050 5050 5050
07N/01E-16A01M	79.0	10-12-70 3-09-71	18.5 20.2	60.5 58.8	5001 5001	07N/02F 24001F	27 5	9-28-71	30.8	-7.2 -7.8	5050
07N/01E-17R01M	77.0	10-12-70 3-16-71	10.1	66.9 67.1	5001 5001	07N/02E-26Q01M	27.5	10-09-70 3-08-71	50.0 38.9	-11.4	5001
07N/01E-21A01M	74.0	10-12-70 3-09-71	21.6 19.3	52.4 54.7	5001 5001	07N/02E-26Q02M	27.5	10-09-70 3-08-71	61.0 39.6	-33.5 -12.1	5001 5001
07N/01E-21A02M	74.0	10-12-70 3-09-71	14.8 12.9	59.2 61.1	5001 5001	07N/02E-30N03M	43.0	10-09-70 3-09-71	59.1 44.3	-16.1 -1.3	5001 5001
07N/01E-22D03M	71.0	10-12-70 3-09-71	50.3 (1)	20.7	5001 5001	07N/02E-33D02M	33.0	10-09-70 3-09-71	72.1 47.9	-39.1 -14.9	5001 5001

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE 1	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE O WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.	11 (Continu	ied)				SOLANO COUNTY 5-21.	.11 (Continu	ied)	-		
07N/02E-34C02M	35.0	10-09-70 3-08-71	71.3 50.5	-36.3 -15.5	5001 5001	08N/01E-33H01M	82.0	10-07-70 3-15-71	22.4 22.7	59.6 59.3	5001 5001
07N/01W-01E02M	103.0	10-07-70 3-16-71	22.6 21.1	80.4 81.9	5001 5001	08N/01E-33Q02M	86.0	10-16-70 11-16-70	20.4	65.6 63.2	5050 5050
07N/01W-01E03M	103.0	10-07-70 3-16-71	24.4	78.6	5001 5001			12-22-70 1-18-71 3-02-71	23.9 24.4 25.2	62.1 61.6 60.8	5050 5050 5050
07N/01W-04D01M	145.0	10-06-70 3-11-71	50.0	95.0 100.7	5001 5001			3-30-71 4-28-71	23.0 20.5	63.0 65.5	5050 5050
07N/01W-05R01M	170.0	10-06-70	98.1 57.5	71.9 112.5	5001 5001			5-26-71 6-24-71 7-30-71	(1) 18.9 19.4	67.1 66.6	5050 5050 5050
07N/01W-06E01M	157.0	3-11-71	50.8	106.2	5001			8-31-71 9-28-71	20.8	65.2 64.0	5050 5050
07N/01W-13A01M	103.0	3-11-71 10-12-70	48.1 (6)	108.9	5001	08N/01E-33Q03M	85.7	10-07-70 3-16-71	17.5 20.6	68.2 65.1	5001 5001
07N/01W-13H01M	105.0	10-12-70 3-16-71	14.9 14.1	90.1 90.9	5001 5001	08N/01E-35K01M	73.0	10-08-70 3-15-71	66.8 44.5	6.2 28.5	5001 5001
07N/01W-15G01M	128.0	10-13-70 3-16-71	27.9 18.7	100.1 109.3	5001 5001	08N/02E-19F01M	70.0	10-08-70 3-12-71	58.3 48.0	11.7 22.0	5001 5001
07N/01W-16G01M	230.0	10-13-70 3-16-71	116.9 119.7	113.1 110.3	5001 5001	08N/02E-24N01M	37.5	10-08-70 3-08-71	54.4 38.4	-16.9 -0.9	5001 5001
07N/01W-17Q01M	225:0	10-13-70 3-16-71	46.9 50.1	178.1 174.9	5001 5001	08N/02E-25B01M	35.0	10-08-70 10-16-70	54.3	-19.3 -15.3	5001 5050
07N/01W-21G01M	154.0	10-13-70	59.4	94.6 96.1	5001 5001			11-16-70 12-22-70 1-18-71	42.9 (9) 34.7	-7.9	5050 5050 5050
07N/01W-21Q01M	150.0	3-16-71	57.9 DRY	90.1	5001			3-02-71 3-08-71	37.0 37.5	-2.0 -2.5	5050 5001
07N/01W-34K01M	125.0	3-16-71 10-26-70	61.6	63.4	5109			3-30-71 4-28-71 5-26-71	(9) 61.7 (9)	-26.7	5050 5050 5050
07N/01W-35R01M	91.0	3-16-71 10-13-70	13.0	64.9 78.0	5109			6-24-71 7-30-71 8-31-71	(9) (8) (8)		5050 5050 5050
08N/01E-15P01M	84.0	3-16-71 10-07-70	12.1	78.9 42.2	5001	08N/02E-27C01M	50.0	9-28-71 10-08-70	(8) 58.6	-8.6	5050
08N/01E-17K01M	100.0	3-15-71 10-07-70	32.0 39.8	52.0 60.2	5001 5001	08N/02E-27Q02M	45.0	3-08-71 10-08-70	41.5 68.5	8.5 -23.5	5001
08N/01E-19K01M	104.0	3-15-71	36.4	63.6	5001	08N/02E-29K01M	55.0	3-08-71	46.4	-1.4	5001
		3-15-71	37.6	66.4	5001			3-12-71	41.8	13.2	5001
08N/01E-20G01M	98.0	10-07-70 3-15-71	39.9 34.6	58.1 63.4	5001 5001	08N/02E-30H02M	62.0	10-08-70 3-12-71	58.5 49.9	3.5 12.1	5001 5001
08N/01E-22N01M	83.0	10-07-70 3-15-71	(9) 25.7	57.3	5001 5001	08N/02E-31D01M	65.0	10-08-70 3-12-71	58.1 42.4	6.9 22.6	5001 5001
08N/01E-23C01M	84.2	10-08-70 3-15-71	47.0 41.6	37.2 42.6	5001 5001	08N/02E-32M01M	60.3	10-08-70 3-09-71	68.0 49.5	-7.7 10.8	5001 5001
08N/01E-23Q01M	73.0	10-08-70 3-15-71	39.6 34.3	33.4 38.7	5001 5001	08N/02E-35F03M	41.0	10-08-70 3-08-71	78.8 48.1	-37.8 -7.1	5001 5001
08N/01E-24Q01M	68.0	10-08-70 3-15-71	66.3 44.3	1.7 23.7	5001 5001	08N/02E-35G02M	35.0	10-08-70 3-08-71	78.6 47.9	-43.6 -12.9	5001 5001
08N/01E-27G02M	80.0	10-07-70 3-15-71	31.6 29.2	48.4 50.8	5001 5001	08N/01W-22P01M	129.0	10-06-70 3-11-71	52.8 45.0	76.2 84.0	5001 5001
08N/01E-28G01M	92.0	10-07-70 3-15-71	37.2 33.0	54.8 59.0	5001 5001	08N/01w-22R02M	125.5	10-07-70 3-16-71	46.6 40.7	78.9 84.8	5001 5001
08N/01E-29D01M	103.0	10-07-70 3-15-71	40.3 36.0	62.7 67.0	5001 5001	08N/01W-23B01M	123.1	10-07-70 3-16-71	40.9 36.7	82.2 86.4	5001 5001
08N/01E-30G02M	110.0	10-07-70 3-16-71	42.8 39.8	67.2 70.2	5001 5001	08N/01W-24P01M	117.0	10-07-70 3-16-71	42.8 42.8	74.2 74.2	5001 5001
08N/01E-32E01M	100.0	10-07-70 3-16-71 (1	34.5	65.5	5001 5001	08N/01W-25A02M	114.0	10-07-70 3-16-71 (4	43.8	70.2 65.3	5001 5001
08N/01E-33A01M	84.0	10-07-70 3-15-71	21.9	62.1 61.6	5001 5001	08N/01W-26A01M	120.0	10-07-70 3-16-71	46.5 47.6	73.5 72.4	5001 5001

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
SOLANO COUNTY 5-21.	ll (Continu	ied)		· -		MOKELUMNE RIVER ARE	A 5-22.01	(Continued)			
08N/01W-26D05M	126.2	10-07-70 3-16-71	46.6 41.3	79.6 84.9	5001 5001	02N/06E-13R02M	30.0	10-16-70 3-09-71	44.0 46.5	-14.0 -16.5	5110 5110
08N/01W-26K02M	116.0	10-07-70 3-16-71	40.0 34.5	76.0 81.5	5001 5001	02N/06E-15J01M	20.3	10-13-70 3-15-71	(3) 32.7	-12.4	5110 5110
08N/01W-27H01M	123.0	10-07-70 3-11-71	43.7 39.1	79.3 83.9	5001 5001	02N/06E-16L01M	11.5	10-13-70 3-15-71	39.2 30.7	-27.7 -19.2	5110 5110
08N/01W-27L01M	133.0	10-06-70 3-11-71	45.5 40.6	87.5 92.4	5001 5001	02N/06E-17J01M	11.2	10-13-70 3-10-71	39.6 32.3	-28.4 -21.1	5050 5050
08N/01W-28J01M	138.0	10-06-70 10-16-70	47.5 47.2	90.5 90.8	5001 5050	02N/06E-20A01M	7.5	10-13-70 3-10-71	40.5	-33.0 -23.4	5050 5050
		11-16-70 12-22-70 1-18-71	45.9 44.0 44.2	92.1 94.0 93.8	5050 5050 5050	02N/06E-20F01M	14.8	10-13-70 3-10-71	29.6 21.3	-14.8 -6.5	5050 5050
		3-02-71 3-11-71 3-30-71	43.0 43.4 41.5	95.0 94.6 96.5	5050 5001 5050	02N/06E-21K01M	13.0	10-24-70 3-01-71	68.0 62.0	-55.0 -49.0	4701 4701
		4-28-71 (5-26-71 6-24-71		96.9 86.4 85.5	5050 5050 5050	02N/06E-21P01M	11.0	10-24-70 3-01-71		-21.0 -28.0	4701 4701 4701
		7-30-71 (8-31-71 9-28-71		79.3 85.6 86.7	5050 5050 5050	02n/06E-22B01M	17.0	10-24-70	52.0	-35.0	4701
08N/01W-28J02M	138.0	10-06-70 3-11-71	46.4 44.3	91.6 93.7	5001 5001	02n/06E-22D01M	17.2	3-01-71	47.0 51.2	-30.0 -34.0	4701 5050
08N/01W-28K01M	105.5	10-06-70	7.1	98.4	5001 5001	02N/06E-24J02M	30.1	3-10-71	45.2 52.4	-28.0 -22.3	5050
08N/01W-28R03M	140.0	3-11-71	4.9	93.0	5001	02N/06E-24J03M	26.8	3-09-71	49.0	-23.3	5050
08N/01W-32H01M	140.0	3-11-71	43.4	96.6	5001	02N/06E-26H01M	22.8	3-11-71	61.5	-20.2 -38.7	5050
08N/01W-33A01M	134.7	3-11-71	38.2 42.6	92.1	5001	02N/06E-27B01M	16.0	3-09-71	52.8	-30.0 -38.0	5110 4701
08N/01W-33B02M	136.0	3-11-71	42.5 44.5	92.2	5001	02N/06E-28E03M	7.2	3-01-71	31.3	-35.0 -24.1	5050
08n/01W-33H01M	130.8	3-11-71	41.3	93.7 89.5	5001			11-30-70 12-30-71 1-28-71	28.0 26.4 25.9	-20.8 -19.2 -18.7	5050 5050 5050
08N/01W-34A01M	120.0	3-11-71	35.1 43.1	95.7 76.9	5001			2-28-71 3-31-71 4-29-71	26.4 26.7 31.0	-19.2 -19.5 -23.8	5050 5050 5050
08N/01W-34H01M	121.0	3-11-71	40.6	79.4 81.0	5001			5-30-71 6-30-71 7-30-71	32.7 38.8 40.8	-25.5 -31.6 -33.6	5050 5050 5050
08N/01W-35G02M	111.0	3-16-71	33.7	84.8 77.3	5001			8-30-71 9-29-71	40.7 37.7	-33.5 -30.5	5050 5050
08N/01W-36H01M	102.0	3-16-71 10-07-70	31.7 26.8	79.3 75.2	5001	02N/06E-28P01M	7.0	10-21-70 3-10-71	27.1 23.0	-20.1 -16.0	5050 5050
		3-16-71	25.6	76.4	5001	02N/06E-29N01M	1.0	10-21-70 3-10-71	12.2 9.2	-11.2 -8.2	5050 5050
SAN JOAQUIN VALLEY						03N/05E-13L01M	12.0	10-13-70 3-15-71	18.5 13.5	-6.5 -1.5	5110 5110
MOKELUMNE RIVER ARE 02N/06E-01A01M	37.6	10-15-70	37.4	0.2	5050	03N/05E-14C01M	6.7	10-13-70 3-15-71	8.0 6.5	-1.3 0.2	5110 5110
02N/06E-03D03M	22.0	3-11-71 10-13-70	38.1 25.4	-0.5 -3.4	5050	03N/05E-24L01M	8.0	10-21-70 3-10-71	14.8 10.2	-6.8 -2.2	5050 5050
02N/06E-08F01M	9.6	3-15-71 10-13-70	28.9	-6.9 -11.5	5110	03N/06E-01J01M	51.8	10-01-70 3-01-71	34.9 34.5	16.9 17.3	8201 8201
02N/06E-09C02M	18.0	3-15-71 10-21-70	18.8 28.5	-9.2 -10.5	5110 5050	03N/06E-01N02M	46.8	10-01-70 3-01-71	37.4 34.0	9.4 12.8	8201 8201
02N/06E-11E11M	23.5	3-10-71 (10-01-70	19.1	-33.6 4.4	5050 8201	03N/06E-01R13M	53.1	10-01-70 3-01-71	43.8 40.2	9.3 12.9	8201 8201
02n/06E-12H01M	31.8	3-02-71 10-15-70	25.7 32.1	-2.2	8201 5050	03N/06E-03K11M	41.0	10-14-70 3-11-71	30.5 27.9	10.5 13.1	5050 5050
02N/06E-13M01M	26.7	3-11-71	36.0	-4.2 -4.8	5050	03N/06E-04C01M	35.0	10-21-70 3-10-71	18.7 19.9	16.3 15.1	5050 5050
		3-09-71	37.0	-10.3	5110						

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

22.01 (23.4 32.0 45.0 48.8 45.6	(Continued) 10-13-70 3-15-71 10-13-70 3-15-71 10-13-70 3-15-71 10-01-70 3-01-71	22.4 20.4 28.5 27.0 (3) 43.5	1.0 3.0 3.5 5.0	5110 5110 5110	MOKELUMNE RIVER ARE	A 5-22.01	(Continued)			
32.0 45.0 48.8	3-15-71 10-13-70 3-15-71 10-13-70 3-15-71 10-01-70 3-01-71	20.4 28.5 27.0 (3) 43.5	3.0 3.5	5110	03N/07E 1010/M					
45.0 48.8	3-15-71 10-13-70 3-15-71 10-01-70 3-01-71	27.0 (3) 43.5		5110	03N/07E-10L04M (Continued)	72.8	6-02-71 7-02-71 8-04-71	73.9 77.1 82.1	-1.1 -4.3 -9.3	8201 8201 8201
48.8	3-15-71 10-01-70 3-01-71	43.5		5110			9-02-71	80.0	-7.2	8201
	3-01-71		1.5	5110 5110	03N/07E-12P01M	77.0	10-22-70 3-11-71	85.7 82.6	-8.7 -5.6	5050 5050
45.6		50.0 45.4	-1.2 3.4	8201 8201	03N/07E-17K02M	57.0	10-13-70 3-15-71	60.2 55.0	-3.2 2.0	5110 5110
	10-15-70 3-12-71	49.7 45.1	-4.1 0.5	5050 5050	03N/07E-18D12M	50.0	10-19-70 3-10-71	51.0 47.1	-1.0 2.9	5050 5050
23.8	10-01-70	30.9	-7.1	8201	03N/07E-18N12M	47.4	10-05-70 3-02-71	52.5 46.2	-5.1 1.2	8201 8201
18.0	10-13-70	40.5	-22.5	5110	03N/07E-19N02M	42.0	10-15-70 3-11-71	50.7 44.6	-8.7 -2.6	5050 5050
27.0	10-13-70	32.8	-5.8	5110	03N/07E-20P02M	49.9	10-13-70 3-12-71	61.7 59.5	-11.8 -9.6	5110 5110
39.9	3-15-71 10-22-70	27.0 43.3	0.0 -3.4	5110 5050	03N/07E-22C11M	66.6	10-06-70 3-02-71	76.7 70.7	-10.1 -4.1	8201 8201
41.0	3-11-71 10-05-70	41.0 49.3	-1.1 -8.3	5050 8201	03N/07E-23C02M	72.0	10-13-70 3-15-71	80.0	-8.0	5110 5110
•	3-02-71	42.9	-1.9 -7.3	8201 5050	03N/07E-25C01M	70.1	10-15-70	84.8	-14.7 -12.2	5110 5110
	3-12-71	42.2	-2.6	5050	03N/07E-25G01M	75.7	10-15-70	87.5	-11.8	5110 5110
J2.4	2-17-71 3-15-71	32.7 33.1	-0.3 -0.7	5050 5110	03N/07E-27F13M	61.1	10-05-70	73.0	-11.9	8201
25.3	10-13-70 3-15-71	33.3 30.5	-8.0 -5.2	5110 5110	03N/07E-31B01M	41.0	10-13-70	53.5	-12.5	8201 5110
17.2	10-13-70 3-15-71	40.5 26.5	-23.3 -9.3	5110 5110	03N/07E-31R11M	43.2	10-05-70	47.5 55.9	-6.5 -12.7	5110 8201
12.0	10-13-70 3-15-71	32.2 20.0	-20.2 -8.0	5110 5110	03N/08E-03R01M	146.0		50.8 96.5	-7.6 49.5	8201 5110
15.0	10-13-70	31.6	-16.6	5110 5110			3-11-71	94.0	52.0	5110 8201
28.4	10-14-70	23.8	4.6	5050			1-08-71	118.1	2.5	8201 8201
38.0	10-05-70	39.0	-1.0	8201			1-08-71	104.2	3.8	8201
84.6	3-02-71 10-08-70	39.0 57.5	-1.0 27.1	8201 8201	03N/08E-05K11M	107.5	1-08-71	108.5	-7.6 -1.0	8201 8201
84.0	3-02-71 10-15-70	56.1 80.0	28.5	8201 5050	03N/08E-07D02M	86.0	10-22-70 3-11-71	(1) (1)		5050 5050
	3-12-71	73.9	10.1	5050	03N/08E-08E01M	95.8	10-15-70 3-10-71	(9) 94.3	1.5	5110 5110
	1-07-71	DRY	2 -	8201	03N/08E-09Q11M	126.3	10-08-70 1-08-71	(1) 129.5	-3.2	8201 8201
	3-15-71	67.1	7.7	5110	03N/08E-15L01M	127.7	10-08-70 1-08-71	134.9 129.6	-7.2 -1.9	8201 8201
57.0	10-13-70 3-15-71	50.0 43.0	7.0 14.0	5110 5110	03N/08E-19C01M	84.5	10-15-70 3-10-71	98.3 93.3	-13.8 -8.8	5110 5110
64.4	10-05-70 3-02-71	56.3 51.8	8.1 12.6	8201 8201	03N/08E-20B01M	97.0	10-15-70 3-12-71	112.1 105.2	-15.1 -8.2	5050 5050
60.0	10-13-70 3-15-71	63.0 56.0	-3.0 4.0	5110 5110	03N/08E-20K01M	92.7	10-06-70	104.4	-11.7	8201 8201
68.3	10-13-70 3-15-71	66.0 62.0	2.3 6.3	5110 5110	03N/08E-22A01M	136.5	10-15-70	(9)		5110 5110
72.8	10-06-70 11-09-70	74.0 71.7	-1.2 1.1	8201 8201	03N/08E-30H01M	84.9	10-15-70	97.8	-12.9	5110
	1-07-71 2-02-71 3-02-71 4-02-71	70.5 69.1 68.0 67.9 70.9	3.7 4.8 4.9 1.9	8201 8201 8201 8201	04N/05E-01H11M	19.9	3-10-71 10-16-70 3-10-71	89.6 22.2 18.0	-4.7 -2.3 1.9	5110 5050 5050
	18.0 27.0 19.9 11.0 10.0	3-01-71 18.0	3-01-71	3-01-71	3-01-71	3-01-71 25.5 -1.7 8201 03N/07E-19N02M	3-01-71 25.5 -1.7 8201 03N/07E-19N02M 42.0	18.0 10-13-70 25.5 -1.7 8201 03N/07E-19N02H 42.0 10-15-70 3-15-71 28.5 -10.5 5110 03N/07E-20F02H 49.9 10-13-70 3-15-71 27.0 0.0 5110 03N/07E-20F02H 49.9 10-13-70 3-15-71 27.0 0.0 5110 03N/07E-20F02H 49.9 10-13-70 3-12-71 41.0 -1.1 3050 03N/07E-20F02H 49.9 10-13-70 3-02-71 42.9 -1.9 8201 03N/07E-23C02H 72.0 10-13-70 3-02-71 42.9 -1.9 8201 03N/07E-25C01H 70.1 10-15-70 3-12-71 42.2 -2.6 5050 03N/07E-25C01H 70.1 10-15-70 3-12-71 33.1 -0.7 5110 03N/07E-25C01H 75.7 10-15-70 3-10-71 33.1 -0.7 5110 03N/07E-25C01H 75.7 10-15-70 3-10-71 33.1 -0.7 5110 03N/07E-25C01H 75.7 10-15-70 3-10-71 3-15-71 33.1 -0.7 5110 03N/07E-31R11H 43.2 10-05-70 3-12-71 3-15-71 26.5 -9.3 5110 03N/07E-31R11H 43.2 10-05-70 3-15-71 24.0 -8.0 5110 03N/07E-31R11H 43.2 10-05-70 3-15-71 24.0 -9.0 5110 03N/08E-04Q01H 120.6 10-08-70 1-08-71 3-15-71 24.0 -9.0 5110 03N/08E-05B02H 108.0 10-08-70 1-08-71 3-12-71	18.0	18.0 10-13-70 25.5 -1.7 8201

TABLE C-2 (Cont.)

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
MOKELUMNE RIVER ARE	A 5-22.01	(Continued)				MOKELUMNE RIVER ARE	A 5-22.01	(Continued)			
04N/05E-03D02M	7.8	10-16-70 3-16-71	15.5 12.2	-7.7 -4.4	5110 5110	04N/06E-25R01M	55.0	10-15-70 3-12-71	(1) 42.0	13.0	5110 5110
04N/05E-05C02M	5.0	10-16-70 3-16-71	14.0 (4)	-9.0	5110 5110	04N/06E-27D02M	34.5	10-16-70 3-12-71	15.5 8.2	19.0 26.3	5110 5110
04N/05E-05H01M	4.0	10-16-70 3-16-71	6.0 4.3	-2.0 -0.3	5110 5110	04N/06E-29A01M	33.0	10-16-70 3-12-71	13.2 13.7	19.8 19.3	5110 5110
04N/05E-09D01M	0.0	10-16-70 3-16-71	5.3 2.7	-5.3 -2.7	5110 5110	04N/06E-29N02M	26.0	10-16-70 3-16-71	16.0 13.5	10.0 12.5	5110 5110
04N/05E-10K01M	6.3	10-16-70 3-16-71	7.8 5.3	-1.5 1.0	5110 5110	04N/06E-31P01M	24.0	10-16-70 3-16-71	13.5 12.3	10.5 11.7	5110 5110
04N/05E-13H01M	19.6	10-16-70 3-16-71	17.6 9.8	2.0 9.8	5110 5110	04N/06E-33B04M	36.0	10-21-70 3-10-71	15.6 17.1	20.4 18.9	5050 5050
04N/05E-22A01M	8.2	10-16-70 3-16-71	4.1 3.9	4.1 4.3	5110 5110	04N/06E-34R30M	43.2	10-01-70 3-01-71	24.4 22.7	18.8 20.5	8201 8201
04N/05E-24C02M	14.0	10-16-70 3-16-71	9.0 5.5	5.0 8.5	5110 5110	04N/06E-36D02M	49.1	10-02-70 3-02-71	29.1 29.1	20.0 20.0	8201 8201
04n/05E-26K02M	13.0	10-14-70 10-16-70	6.4 6.5	6.6 6.5	5050 5110	04N/07E-01B01M	105.0	10-21-70 3-19-71	107.7 102.9	-2.7 2.1	5001 5001
		3-11-71 3-16-71	5.9 5.8	7.1 7.2	5050 5110	04N/07E-03B01M	93.2	10-21-70 3-19-71	110.4 100.0	-17.2 -6.8	5001 5001
04n/05E-36H03M	21.0	2-17-71 3-16-71	10.4 9.7	10.6 11.3	5050 5110	04N/07E-04B12M	85.0	10-28-70 3-12-71	(3) 89.2	-4.2	5110 5110
04N/06E-03A12M	48.3	10-02-70 1-05-71	(1) 47.6	0.7	8201 8201	04N/07E-04Q12M	83.4	10-07-70 1-07-71	(1) 89.4	-6.0	8201 8201
04N/06E-05Q01M	30.0	10-16-70 3-10-71	40.2 27.7	-10.2 2.3	5050 5050	04N/07E-07A01M	68.0	10-15-70 3-12-71	100.0	-32.0	5110 5110
04N/06E-05R11M	34.0	10-16-70 3-10-71	45.2 31.6	-11.2 2.4	5050 5050	04N/07E-07H11M	67.6	10-02-70 1-05-71	85.1 79.2	-17.5 -11.6	8201 8201
04n/06E-06n12M	21.0	10-16-70 3-10-71	23.9 18.3	-2.9 2.7	5050 5050	04N/07E-09D12M	77.4	10-07-70 1-07-71	94.9 86.0	-17.5 -8.6	8201 8201
04N/06E-07B11M	26.0	10-16-70 3-10-71	27.6 21.0	-1.6 5.0	5050 5050	04N/07E-12E01M	105.7	10-19-70 3-11-71	118.2 110.2	-12.5 -4.5	5110 5110
04N/06E-11B01M	47.0	10-14-70 3-17-71	74.4 68.6	-27.4 -21.6	5001 5001	04N/07E-14E01M	93.1	10-19-70 3-12-71	85.0 83.0	8.1 10.1	5110 5110
04N/06E-12C04M	55.0	10-15-70 3-12-71	75.0 67.5	-20.0 -12.5	5110 5110	04N/07E-14Q02M	98.0	10-22-70 3-11-71	100.8	-2.8 6.2	5050 5050
04N/06E-12N02M	52.0	10-15-70 3-12-71	69.3 62.8	-17.3 -10.8	5110 5110	04N/07E-15B11M	91.2	10-07-70 3-02-71	95.7 91.8	-4.5 -0.6	8201 8201
04N/06E-12R11M	57.9	10-05-70 3-02-71	78.2 66.8	-20.3 -8.9	8201 8201	04N/07E-17N01M	67.0	10-15-70 3-12-71	80.8 70.2	-13.8 -3.2	5110 5110
04N/06E-13G01M	56.0	10-15-70 2-17-71 3-12-71	65.0 58.4 57.2	-9.0 -2.4 -1.2	5110 5050 5110	04N/07E-18M01M	57.8	10-22-70 3-11-71	68.7 61.6	-10.9 -3.8	5050 5050
04n/06E-15B02M	40.0	10-15-70 3-12-71	44.7 39.7	-4.7 0.3	5110 5110	04N/07E-18P30M	61.4	10-05-70 3-02-71	69.2 62.0	-7.8 -0.6	8201 8201
04N/06E-17D01M	23.8	10-16-70 3-16-71	21.0 14.9	2.8	5110 5110	04N/07E-19K01M	62.4	10-15-70 3-12-71	69.0 60.0	-6.6 2.4	5110 5110
04N/06E-19F01M	21.8	10-21-70 3-10-71	13.7	8.1 12.1	5050 5050	04N/07E-21F01M	78.2	10-19-70 3-12-71	80.3 74.0	-2.1 4.2	5110 5110
04N/06E-19R11M	26.7	10-02-70 3-01-71	14.8 12.8	11.9	8201 8201	04n/07E-22Q05M	83.8	10-07-70 3-02-71	78.4 71.5	5.4 12.3	8201 8201
04N/06E-21D01M	31.0	10-21-70 3-10-71	19.9	11.1	5050 5050	04N/07E-25G15M	88.8	10-07-70 3-02-71	84.3	4.5 14.1	8201 8201
04N/06E-22M01M	38.2	10-16-70 3-12-71	26.5 23.5	11.7	5110 5110	04n/07E-27P01M	81.5	10-06-70 3-02-71	41.0	40.5 41.1	8201 8201
04N/06E-23M01M	45.2	10-02-70 3-01-71	38.7 34.4	6.5	8201 8201	04N/07E-28J02M	74.8	10-19-70 3-12-71	68.4 64.5	6.4	5110 5110
04N/06E-24F01M	55.0	10-15-70 3-12-71	57.5 48.8	-2.5 6.2	5110 5110	04N/07E-29H01M	70.6	10-07-70 3-02-71	66.1	4.5	8201 8201

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
MOKELUMNE RIVER ARE	A 5-22.01	(Continued)				MOKELUMNE RIVER ARE	A 5-22.01	(Continued)			
04N/07E-30E04M	57.2	10-05-70 3-02-71	50.9 45.5	6.3 11.7	8201 8201	04N/09E-07K02M	172.7	10-15-70 1-13-71	30.3 29.5	142.4 143.2	8201 8201
04N/07E-31M13M	55.2	10-05-70 3-02-71	33.3 32.1	21.9 23.1	8201 8201	04N/09E-15M11M	191.6	10-15-70 1-14-71	44.2 41.0	147.4 150.6	8201 8201
04N/07E-31N11M	45.9	10-05-70 3-02-71	13.0 15.0	32.9 30.9	8201 8201	04N/09E-16D13M	191.4	10-15-70 3-05-71	5.2 3.9	186.2 187.5	8201 8201
04N/07E-33H01M	73.4	10-19-70 3-12-71	41.4	32.0	5110 5110	04N/09E-20M01M	238.8	10-16-70 1-15-71	143.3 143.6	95.5 95.2	8201 8201
04N/07E-34F11M	61.6	10-06-70 3-02-71	17.9 16.6	43.7 45.0	8201 8201	04N/09E-21A01M	216.4	10-16-70 1-14-71	55.7 53.2	160.7 163.2	8201 8201
04N/07E-34L03M	85.6	10-06-70 3-02-71	45.0 44.4	40.6 41.2	8201 8201	04n/09E-28C02M	313.4	10-16-70 1-20-71	135.1 136.4	178.3 177.0	8201 8201
04N/07E+36L01M	90.0	10-19-70	85.4	4.6	5110	04N/09E-31M01M	250.0	10-19-70 3-11-71	219.2 218.2	30.8	5110 5110
04N/08E-01K01M	170.7	3-12-71	78.5	68.7	5110 8201	05N/05E-28L03M	6.0	10-16-70	9.0	-3.0	5110 5110
04N/08E-04N01M	140.0	1-11-71	101.4	69.3	8201 5110	05N/05E-32M01M	1.5	3-16-71		-9.2	5110
04N/08E-04P13M	139.5	3-11-71 10-09-70	127.5 (6)	12.5	5110 8201	05N/06E-36R01M	63.1	3-16-71 10-15-70	6.7 91.9	-5.2 -28.8	5110
04N/08E-06C02M	105.0	10-15-70 3-12-71	112.7 95.4	-7.7 9.6	5050 5050	05N/07E-31J01M	71.5	3-12-71 10-15-70	76.0 (4) 95.5	-12.9 -24.0	5110
04N/08E-06N02M	116.0	10-19-70 3-11-71	128.0 113.0	-12.0 3.0	5110 5110			10-21-70 3-12-71 3-19-71	94.6 79.1 85.2	-23.1 -7.6 -13.7	5001 5110 5001
04N/08E-14K01M	150.0	10-19-70 3-11-71	116.2	33.8	5110 5110	05N/07E-34G01M	88.8	10-19-70 3-11-71	(1) 92.4	-3.6	5110 5110
04N/08E-17J01M	131.9	10-19-70 3-11-71	122.9	9.0 17.5	5110 5110	05N/08E-16Q01M	125.0	10-16-70 3-18-71	109.9 105.1	15.1 19.9	5050 5050
04N/08E-18L12M	122.4	10-09-70 1-12-71	122.1 118.6	0.3	8201 8201	05N/08E-24Q11M	257.2	10-14-70 3-04-71	176.7 177.1	80.5 80.1	8201 8201
04N/08E-21M01M	114.0	10-19-70	103.4	10.6	5110 5110	05N/08E-25P11M	265.7	10-14-70 1-18-71	201.5	64.2	8201 8201
04N/08E-22C01M	126.0	3-11-71	96.1 58.7	67.3	5110	05N/08E-31R01M	137.0	10-19-70	140.1	-3.1	5110 5110
04N/08E-25L01M	192.9	3-11-71 10-09-70	58.2 158.4	67.8 34.5	5110 8201	05N/08E-32R11M	162.1	3-11-71	161.9	0.2	8201
04N/08E-26A12M	159.3	1-20-71	158.2	34.7 31.5	8201 8201	05N/08E-34G11M	224.8	1-15-71	151.6	25.4	8201 8201
		1-11-71 1-13-71	(1) 128.1	31.2	8201 8201	05N/08E-35K12M	188.6	1-15-71 10-13-70	199.0	25.8 44.9	8201 8201
04N/08E-27J11M	195.4	10-09-70 1-11-71	175.4 172.7	20.0 22.7	8201 8201			1-15-71	144.4	44.2	8201
04N/08E-28H11M	131.2	10-09-70 1-11-71	(1) 114.7	16.5	8201 8201	CALAVERAS RIVER ARI	EA 5-22.02 22.0	10-24-70	91.0	-69.0	4701
04N/08E-28M12M	111.7	10-08-70 1-11-71	105.2 99.7	6.5 12.0	8201 8201	01N/06E-01L03M	20.0	3-01-71 10-13-70	80.0	-58.0 -71.5	4701 5050
04N/08E-30A11M	70.3	10-08-70 1-11-71	16.7 16.7	53.6 53.6	8201 8201			3-10-71	67.9	-47.9	5050
04N/08E-32N01M	105.0	10-19-70 3-12-71	(1) (1)		5110 5110	01N/06E-02C01M	19.0	10-13-70 3-10-71	(1)	(0.7	5050
04N/08E-34E01M	158.7	10-09-70 1-11-71	149.3 144.5	9.4 14.2	8201 8201	01N/06E-02J02M	17.0	10-13-70 3-10-71	86.7	-69.7	5050 5050
04N/08E-34Q11M	162.6	10-09-70	149.5 (6) 144.0	13.1 18.6	8201 8201	01N/06E-02M01M	16.0	10-24-70 3-01-71	82.0 67.0	-66.0 -51.0	4701 4701
04N/08E-35P01M	196.0	1-20-71	148.3	14.3	8201 5110	01N/06E-02Q01M	16.0	10-24-70 3-01-71	76.0 76.0	-60.0 -60.0	4701 4701
04N/08E-36P01M	209.0	3-11-71	87.9	108.1	5110	01N/06E-03C01M	10.0	10-24-70 3-01-71	61.0 52.0	-51.0 -42.0	4701 4701
04N/08E-36F01M 04N/09E-06L11M	125.6	3-12-71	200.8	116.0	5050 5050 8201	01N/06E-03C03M	9.0	10-13-70 3-10-71	60.1 42.5	-51.1 -33.5	5050 5050
041/03E-00FIIW	123.0	1-11-71	6.2	119.4	8201						

TABLE C-2 (Cont.)

CALAVERAS RIVER AREA 5-22.02 (01N/06E-03K01M 11.0 01N/06E-04B01M 6.0 01N/06E-04D01M 4.0 01N/06E-04J01M 8.4 01N/06E-05F01M 0.0 01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11C01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12J01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-17A01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0 01N/06E-23D02M 9.0	10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71 10-13-70 3-10-71 10-13-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	51.2 42.3 50.0 35.0 44.0 32.0 39.4 34.8 12.9 8.1 54.3 50.0 (2) (2)(0)	-40.2 -31.3 -44.0 -29.0 -40.0 -28.0 -31.0 -26.4 -12.9 -8.1 -40.3 -36.0	5050 5050 4701 4701 4701 5050 5050 5050	CALAVERAS RIVER ARE	A 5-22.02 41.0 34.0 35.4 39.0	(Continued) 10-21-70 3-16-71 10-21-70 3-16-71 10-20-70 3-09-71 10-21-70 3-16-71	78.5 75.5 87.5 81.5 98.9 82.9	-37.5 -34.5 -53.5 -47.5 -63.5 -47.5	5550 5550 5550 5550 5110 5110
01N/06E-04B01M 6.0 01N/06E-04D01M 4.0 01N/06E-04J01M 8.4 01N/06E-05F01M 0.0 01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-24-70 3-01-71 10-24-70 3-01-71 10-13-70 3-10-71 10-13-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	42.3 50.0 35.0 44.0 32.0 39.4 34.8 12.9 8.1 54.3 50.0 (2)	-31.3 -44.0 -29.0 -40.0 -28.0 -31.0 -26.4 -12.9 -8.1 -40.3	5050 4701 4701 4701 4701 5050 5050 5050	01N/07E-04N01M 01N/07E-04P03M 01N/07E-04R01M	34.0 35.4	3-16-71 10-21-70 3-16-71 10-20-70 3-09-71 10-21-70	75.5 87.5 81.5 98.9 82.9	-34.5 -53.5 -47.5 -63.5 -47.5	5550 5550 5550 5110
01N/06E-04D01M 4.0 01N/06E-04J01M 8.4 01N/06E-05F01M 0.0 01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13J01M 20.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-01-71 10-24-70 3-01-71 10-13-70 3-10-71 10-21-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	35.0 44.0 32.0 39.4 34.8 12.9 8.1 54.3 50.0 (2)	-29.0 -40.0 -28.0 -31.0 -26.4 -12.9 -8.1 -40.3	4701 4701 4701 5050 5050 5050 5050	01N/07E-04P03M 01N/07E-04R01M	35.4	3-16-71 10-20-70 3-09-71 10-21-70	81.5 98.9 82.9	-47.5 -63.5 -47.5	5550 5110
01N/06E-04J01M 8.4 01N/06E-05F01M 0.0 01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-01-71 10-13-70 3-10-71 10-21-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	32.0 39.4 34.8 12.9 8.1 54.3 50.0	-28.0 -31.0 -26.4 -12.9 -8.1 -40.3	5050 5050 5050 5050	01N/07E-04R01M		3-09-71 10-21-70	82.9	-47.5	
01N/06E-05F01M 0.0 01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13J01M 20.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-21-70 3-10-71 10-13-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	34.8 12.9 8.1 54.3 50.0 (2)	-26.4 -12.9 -8.1 -40.3	5050 5050 5050		39.0		90.0		2110
01N/06E-10R01M 14.0 01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-13-70 3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	8.1 54.3 50.0 (2)	-8.1 -40.3	5050	01N/07E-05A01M			76.0	-51.0 -37.0	5550 5550
01N/06E-11C01M 14.0 01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12J01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-13-70 3-10-71 10-24-70 3-01-71 10-24-70 3-01-71	50.0		E050	, _,	33.0	10-24-70 3-01-71	82.0 84.0	-49.0 -51.0	4701 4701
01N/06E-11K01M 17.0 01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-15N02M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-24-70 3-01-71 10-24-70 3-01-71			5050 5050	01N/07E-05N01M	28.0	10-24-70 3-01-71	93.0 90.0	-65.0 -62.0	4701 4701
01N/06E-12A01M 23.0 01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-24-70 3-01-71 10-24-70 3-01-71	. , , ,		5050 5050	01N/07E-07E01M	25.0	10-24-70 3-01-71	89.0 86.0	-64.0 -61.0	4701 4701
01N/06E-12G01M 21.2 01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 14.3 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-24-70 3-01-71	82.0 (6) 118.0	-65.0 -101.0	4701 4701	01N/07E-07F01M	25.8	10-13-70 3-10-71	97.3 83.1	-71.5 -57.3	5050 5050
01N/06E-12J01M 22.5 01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-1/ 70	95.0 84.0	-72.0 -61.0	4701 4701	01N/07E-08B01M	30.0	10-21-70 3-16-71	97.0 89.0	-67.0 -59.0	5550 5550
01N/06E-12N01M 19.0 01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-14Q03M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-14-70 3-10-71	(1) 75.9	-54.7	5050 5050	01N/07E-08R02M	31.5	10-20-70 3-09-71	95.5 88.5	-64.0 -57.0	5110 5110
01N/06E-13G01M 19.0 01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-15N02M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-14-70 3-10-71	87.7 78.1	-65.2 -55.6	5050 5050	01N/07E-09E04M	33.0	10-21-70 3-16-71	99.5 86.0	-66.5 -53.0	5550 5550
01N/06E-13J01M 20.0 01N/06E-14Q03M 14.3 01N/06E-15N02M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-24-70 3-01-71	80.0 70.0	-61.0 -51.0	4701 4701	01N/07E-09H01M	39.0	10-21-70 3-16-71	91.5 83.5	-52.5 -44.5	5550 5550
01N/06E-14Q03M 14.3 01N/06E-15N02M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-15-70 3-10-71	74.6 67.0	-55.6 -48.0	5050 5050	01N/07E-09Q03M	38.0	10-21-70 3-16-71	93.0 84.0	-55.0 -46.0	5550 5550
01N/06E-15N02M 5.0 01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-24-70 3-01-71 (84.0 (6) 105.0	-64.0 -85.0	4701 4701	01N/07E-10D01M	39.0	10-21-70 3-16-71	91.0 81.0	-52.0 -42.0	5550 5550
01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	10-30-70 11-30-70	52.6 51.3	-38.3 -37.0	5050 5050	01N/07E-10G01M	43.0	10-21-70 3-16-71	83.5 78.5	-40.5 -35.5	5550 5550
01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	12-30-70 1-28-71 2-28-71	50.3 49.5 48.9	-36.0 -35.2 -34.6	5050 5050 5050	01N/07E-17A01M	31.0	10-21-70 3-16-71	96.5 88.0	-65.5 -57.0	5550 5550
01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-31-71 4-29-71 5-30-71	48.3 48.3 49.1	-34.0 -34.0 -34.8	5050 5050 5050	01N/07E-18B01M	26.0	10-24-70 3-01-71 (85.0 (6) 95.0	-59.0 -69.0	4701 4701
01N/06E-16H01M 4.0 01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	6-30-71 7-30-71 8-30-71	50.3 51.8 54.6	-36.0 -37.5 -40.3	5050 5050 5050	01N/08E-02B01M	84.0	10-21-70 3-11-71	107.8 98.3	-23.8 -14.3	5050 5050
01N/06E-17A01M 4.0 01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	9-29-71 10-21-70	55.0 26.5	-40.7 -21.5	5050 5050	01N/08E-02J01M	86.0	10-21-70 3-11-71	110.9 100.4	-24.9 -14.4	5050 5050
01N/06E-23D01M 9.0 01N/06E-23D02M 9.0	3-10-71 10-21-70	(8) 37.7	-33.7	5050 5050	01N/08E-03P01M	80.0	10-14-70 3-08-71	112.0 102.0	-32.0 -22.0	5110 5110
01N/06E-23D02M 9.0	3-10-71 10-21-70	26.0 17.6	-22.0 -13.6	5050 5050	01N/08E-05J01M	71.0	10-14-70 3-08-71	108.1 100.0	-37.1 -29.0	5110 5110
	3-10-71 10-21-70	9.6 36.8	-5.6 -27.8	5050 5050	01N/09E-01C01M	191.0	10-14-70 3-08-71	(1) 149.2	41.8	5110 5110
01N/07E-01A02M 62.0	3-10-71 10-21-70	33.3 36.9	-24.3 -27.9	5050 5050	01N/09E-02D01M	156.0	10-21-70 3-11-71	118.8 119.3	37.2 36.7	5050 5050
	3-10-71 10-21-70	33.5 92.5	-24.5 -30.5	5050 5550	01N/09E-05B01M	139.5	10-21-70 3-11-71	137.0 134.5	2.5	5050 5050
01N/07E-01J02M 60.0	3-16-71 10-21-70	84.5 93.0	-22.5 -33.0	5550 5550	01N/09E-05J01M	153.0	10-14-70 3-08-71	(1) 136.5	16.5	5110 5110
01N/07E-01M01M 54.2	3-16-71 10-20-70	85.5	-25.5	5550 5110	01N/09E-06B01M	136.0	10-21-70 3-11-71	143.2 138.2	-7.2 -2.2	5050 5050
01N/07E-02F01M 48.0	3-09-71 10-21-70	81.6 87.5	-27.4 -39.5	5110 5550	01N/09E-06N01M	118.5	10-14-70 3-08-71	(1) 120.5	-2.0	5110 5110
01N/07E-02G01M 50.0	3-16-71 10-21-70	77.0 85.5	-29.0 -35.5	5550 5550	02N/06E-33N01M	4.0	10-24-70 3-01-71	57.0 43.0	-53.0 -39.0	4701 4701
01N/07E-03L01M 43.0	3-16-71	80.0 89.5 74.5	-30.0 -46.5 -31.5	5550 5550 5550	02N/06E-34K02M	12.0	10-24-70 3-01-71	62.0 50.0	-50.0 -38.0	4701 4701

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TD WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
CALAVERAS RIVER ARE	A 5-22.02	(Continued)				CALAVERAS RIVER ARE	A 5-22.02	(Continued)			
02N/06E-34L01M	15.8	10-13-70 3-10-71	(1) 48.8	-33.0	5050 5050	02N/07E-24Q01M	62.5	10-21-70 3-16-71	102.5 85.5	-40.0 -23.0	5550 5550
02N/06E-35D02M	17.5	10-13-70 3-10-71	67.5 51.5	-50.0 -34.0	5050 5050	02N/07E-26H03M	58.0	10-21-70 3-16-71	96.0 82.5	-38.0 -24.5	5550 5550
02N/06E-36A01M	26.0	10-24-70 3-01-71	72.0 63.0	-46.0 -37.0	4701 4701	02N/07E-26N01M	50.3	10-21-70 3-09-71	90.5 78.9	-40.2 -28.6	5110 5110
02N/06E-36D01M	22.0	10-24-70 3-01-71	64.0 53.0	-42.0 -31.0	4701 4701	02N/07E-26R01M	56.0	10-21-70 3-16-71	91.5 79.5	-35.5 -23.5	5550 5550
02N/06E-36N02M	20.4	10-13-70 3-10-71	(4) (4)		5050 5050	02N/07E-27D01M	46.7	10-21-70 3-09-71	98.2 80.5	-51.5 -33.8	5110 5110
02N/06E-36R03M	24.0	10-24-70 3-01-71	80.0 73.0	-56.0 -49.0	4701 4701	02N/07E-27G01M	47.0	10-21-70 3-15-71	88.6 77.8	-41.6 -30.8	5550 5550
02N/07E-05E01M	41.1	10-13-70 3-11-71	54.6 50.1	-13.5 -9.0	5110 5110	02N/07E-27L01M	47.0	10-21-70 3-15-71	87.0 77.0	-40.0 -30.0	5550 5550
02N/07E-05R01M	46.0	10-16-70 3-10-71	64.9 56.9	-18.9 -10.9	5110 5110	02N/07E-28K02M	42.0	10-21-70 3-15-71	82.4 74.2	-40.4 -32.2	5550 5550
02N/07E-07R05M	37.0	10-16-70 3-10-71	54.5 53.5	-17.5 -16.5	5110 5110	02N/07E-28N04M	38.0	10-21-70 3-09-71	78.0 71.0	-40.0 -33.0	5110 5110
02N/07E-08D01M	42.0	10-16-70 3-10-71	57.0 53.2	-15.0 -11.2	5110 5110	02N/07E-28P01M	39.0	10-21-70 3-15-71	79.7 73.0	-40.7	5550
02N/07E-08K03M	44.5	10-16-70	65.0	-20.5	5110	02N/07E-29B01M	40.0	10-21-70	71.7	-34.0 -31.7	5550 5550
02N/07E-08R01M	46.0	3-10-71		-14.0	5050	02N/07E-29M02M	34.0	3-15-71	70.5 67.4	-33.4	5550 5550
02N/07E-09B02M	54.0	3-11-71	71.4	-15.7 -17.4	5050	02N/07E-30E01M	28.0	3-16-71	62.5	-28.5 -35.5	5550
02N/07E-11F01M	58.0	3-10-71	76.6	-9.4 -18.6	5110	02N/07E-30H01M	32.5	3-09-71	56.0 65.5	-28.0 -33.0	5110 5550
02N/07E-12A01M	72.2	3-10-71 10-16-70	71.0 89.0	-13.0 -16.8	5110 5110	02N/07E-31R02M	29.0	3-16-71 10-21-70	67.7	-28.0 -38.7	5550 5550
02N/07E-12A03M	72.2	3-10-71 10-14-70	82.5 88.6	-10.3 -16.4	5110 5050	02N/07E-32J02M	35.0	3-15-71 10-21-70	66.3 71.0	-37.3 -36.0	5550 5550
02N/07E-14P01M	57.3	3-12-71 10-21-70	81.0	-8.8 -26.5	5050 5110	02N/07E-32M02M	30.0	3-15-71 10-21-70	70.0 67.0	-35.0 -37.0	5550 5550
02N/07E-15C01M	51.7	3-09-71 10-16-70	77.9 93.0	-20.6 -41.3	5110 5110	02N/07E-32R01M	32.0	3-15-71 10-21-70	65.0 (8)	-35.0	5550 5110
02N/07E-16L01M	46.2	3-10-71	72.0 74.0	-20.3 -27.8	5110 5110	02N/07E-33H01M	41.0	3-09-71 10-21-70	(4) 89.0	-48.0	5110 5110
02N/07E-18E01M	33.3	3-10-71	66.5	-20.3 -9.2	5110	02N/07E-33L01M	38.0	3-09-71	77.3	-36.3 -42.9	5110
		3-11-71	43.1	-9.8	5050			3-15-71	73.2	-35.2	5550
02N/07E-18K01M	36.5	10-16-70 3-10-71	54.3 49.5	-17.8 -13.0	5110 5110	02N/07E-34E01M	44.0	10-21-70 3-15-71	86.0 78.0	-42.0 -34.0	5550 5550
02N/07E-20N02M	35.0	10-16-70 3-10-71	65.0 59.0	-30.0 -24.0	5110 5110	02N/07E-34R01M	47.0	10-21-70 3-16-71	85.0 74.0	-38.0 -27.0	5550 5550
02N/07E-21K02M	45.0	10-21-70 3-15-71	83.4 69.7	-38.4 -24.7	5550 5550	02N/07E-35L01M	49.8	10-20-70 3-09-71	94.9 80.1	-45.1 -30.3	5110 5110
02N/07E-21N01M	40.0	10-21-70 3-15-71	76.4 67.1	-36.4 -27.1	5550 5550	02N/07E-36H01M	58.7	10-20-70 3 - 09-71	96.2 83.1	-37.5 -24.4	5110 5110
02N/07E-22H01M	52.0	10-21-70 3-15-71	85.3 77.7	-33.3 -25.7	5550 5550	02N/07E-36P02M	54.0	10-14-70 3-12-71	91.9 81.5	-37.9 -27.5	5050 5050
02N/07E-23B01M	57.0	10-21-70 3-15-71	88.6 79.5	-31.6 -22.5	5550 5550	02N/08E-03G02M	108.8	10-15-70 3-11-71	117.5 109.0	-8.7 -0.2	5110 5110
02N/07E-23J02M	59.6	10-21-70 3-09-71	102.7 82.7	-43.1 -23.1	5110 5110	02N/08E-04C01M	92.0	10-15-70 3-11-71	106.5 97.5	-14.5 -5.5	5110 5110
02N/07E-24B01M	65.4	10-20-70 3-09-71	(4) 82.2	-16.8	5110 5110	02N/08E-08N01M	76.7	10-16-70 3-10-71	94.6 84.7	-17.9 -8.0	5110 5110
02N/07E-24J01M	65.0	10-21-70 3-16-71	100.0 84.5	-35.0 -19.5	5550 5550	02N/08E-09G02M	87.0	10-16-70 3-10-71	106.0 96.0	-19.0 -9.0	5110 5110
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TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENC' SUPPLYIN
CALAVERAS RIVER ARE	A 5-22.02	(Continued)				CALAVERAS RIVER ARE	A 5-22.02	(Continued)			
02N/08E-10H02M	105.4	10-16-70 3-10-71	118.1 (4)	-12.7	5110 5110	02N/09E-08N01M	141.6	10-19-70 3-08-71	134.0 130.0	7.6 11.6	5110 5110
02N/08E-11B01M	106.0	10-16-70 3-10-71	112.3 106.6	-6.3 -0.6	5110 5110	02N/09E-09D01M	132.8	10-19-70 3-08-71	108.6 103.2	24.2 29.6	5110 5110
02N/08E-12C02M	109.3	10-19-70 3-08-71	110.0 103.0	-0.7 6.3	5110 5110	02N/09E-11A01M	253.0	10-19-70 3-08-71	170.5 165.8	82.5 87.2	5110 5110
02N/08E-13K01M	105.6	10-19-70 3-08-71	115.7 106.6	-10.1 -1.0	5110 5110	02N/09E-18Q01M	107.1	10-19-70 3-08-71	115.7 110.9	-8.6 -3.8	5110 5110
02N/08E-14C01M	94.4	10-19-70 3-08-71	115.4 99.7	-21.0 -5.3	5110 5110	02N/09E-22B01M	171.0	10-21-70 3-11-71	126.0 126.7	45.0 44.3	5050 5050
02N/08E-15M02M	84.9	10-19-70 3-08-71	109.1 92.4	-24.2 -7.5	5110 5110	02N/09E-28N01M	179.5	10-14-70 3-08-71	163.6 171.6	15.9 7.9	5110 5110
02N/08E-16D01M	80.5	10-16-70 3-10-71	95.1 89.6	-14.6 -9.1	5110 5110	02N/09E-32D01M	154.2	10-21-70 3-11-71	152.8 149.4	1.4	5050 5050
02N/08E-18C01M	68.9	10-16-70 3-10-71	89.4 80.4	-20.5 -11.5	5110 5110	03N/07E-33G01M	52.0	10-16-70 3-10-71	69.3 62.5	-17.3 -10.5	5110 5110
02N/08E-19C03M	67.3	10-20-70 3-09-71	99.4 83.6	-32.1 -16.3	5110 5110	03N/07E-35C02M	61.2	10-15-70 3-10-71	76.4 67.5	-15.2 -6.3	5110 5110
02N/08E-19P02M	69.2	10-20-70 3-09-71	99.0 89.5	-29.8 -20.3	5110 5110	03N/07E-35L01M	64.0	10-15-70 3-10-71	77.2 71.5	-13.2 -7.5	5110 5110
02N/08E-20F01M	73.0	10-20-70 3-09-71	101.8 91.6	-28.8 -18.6	5110 5110	03N/07E-36D01M	67.7	10-15-70 3-10-71	87.3 71.5	-19.6 -3.8	5110 5110
02N/08E-21R01M	79.9	10-19-70 3-08-71	113.1 94.1	-33.2 -14.2	5110 5110	03N/07E-36K02M	74.5	10-15-70 3-10-71	82.3 80.8	-7.8 -6.3	5110 5110
02N/08E-24P01M	126.0	10-28-70 3-08-71	139.9 130.6	-13.9 -4.6	5110 5110	03N/08E-11M11M	139.9	10-16-70 1-19-71	132.8 132.0	7.1 7.9	8201 8201
02N/08E-25P01M	101.0	10-14-70 3-08-71	(1) 111.5	-10.5	5110 5110	03N/08E-11N02M	156.0	10-15-70 3-10-71	177.9 163.0	-21.9 -7.0	5110 5110
02N/08E-30H01M	69.4	10-20-70 3-09-71	100.9 91.9	-31.5 -22.5	5110 5110	03N/08E-12P11M	181.7	10-08-70 1-08-71	169.5 168.6	12.2 13.1	8201 8201
02N/08E-32L02M	69.5	10-20-70 3-09-71	98.7 91.7	-29.2 -22.2	5110 5110	03N/08E-23F11M	173.1	10-08-70 1-19-71	174.2 171.8	-1.1 1.3	8201 8201
02N/08E-33E01M	75.0	10-20-70 3-09-71	108.0 95.2	-33.0 -20.2	5110 5110	03N/08E-26Q01M	130.0	10-30-70 11-30-70	133.0 132.0	-3.0 -2.0	5050 5050
02N/08E-34E01M	82.6	10-14-70 3-08-71	111.8 98.7	-29.2 -16.1	5110 5110			12-30-70 1-28-71 2-28-71	131.1 130.2 129.5	-1.1 -0.2 0.5	5050 5050 5050
02N/08E-36L01M	97.2	10-30-70	115.8	-18.6	5050			3-31-71 4-29-71	129.1 129.4	0.9	5050 5050
		11-30-70 12-30-70	113.6 111.6	-16.4 -14.4	5050 5050			5-30-71 6-30-71	130.1 131.8	-0.1 -1.8	5050 5050
		1-28-71	109.8	-12.6	5050			7-30-71	133.5	-3.5 -5.0	5050 5050
		2-28-71 3-31-71	108.1 106.7	-10.9 -9.5	5050 5050			8-30-71 9-29-71	135.0 135.1	-5.1	5050
		4-29-71	107.0	-9.8	5050						
		5-30-71 6-30-71	108.5 111.6	-11.3 -14.4	5050 5050	03N/08E-27R01M	126.4	10-15-70 3-11-71	(1) 133.8	-7.4	5110 5110
		7-30-71	114.5	-17.3	5050			3-11-/1	133.0	7.4	3110
		8-30-71 9-29-71	117.3 118.2	-20.1 -21.0	5050 5050	03N/08E-32P01M	85.0	10-15-70 3-11-71	109.9 92.4	-24.9 -7.4	5110 5110
02N/09E-03A01M	150.0	10-19-70 3-08-71	58.7 58.6	91.3 91.4	5110 5110	03N/09E-05D01M	280.0	10-19-70 3-11-71	(1) (1)		5110 5110
02N/09E-04H01M	158.1	10-19-70 3-08-71	82.0 76.5	76.1 81.6	5110 5110	03N/09E-19N01M	180.0	10-22-70 3-11-71	170.1 169.0	9.9 11.0	5050 5050
02N/09E-05H01M	132.2	10-19-70 3-08-71	108.5 104.0	23.7 28.2	5110 5110	03N/09E-21D01M	245.0	10-22-70 3-11-71	(9) (4)		5050 5050
02N/09E-05L02M	130.0	10-15-70 10-19-70 3-08-71	107.9 115.0 106.6	22.1 15.0 23.4	5050 5110 5110	03N/09E-25R01M	169.8	10-19-70 3-08-71	44.3 44.9	125.5 124.9	5110 5110
		3-12-71	106.4	23.4	5050	03N/09E-31G01M	192.0	10-22-70	(9)		5050
02N/09E-05N01M	126.1	10-19-70 3-08-71	(8)		5110 5110	03N/09E-33J01M	140.0	3-11-71	178.7	13.3	5050
02N/09E-07G02M	117.5	10-19-70	109.0	8.5	5110 5110 5110		180.4	3-08-71	78.0 81.2	62.0	5110 5110
		3-08-71	106.5	11.0	2110	03N/09E-36G01M	100.4	10-19-70 3-08-71	68.8	111.6	5110

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

19.0 10-21-79 57.2 -58.2 50.50 018/08E-33101M 71.6 10-14-70	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
19.0 10.2-17.0 31.0-71 38.9 -27.1 5050 01M/08E-31801M 71.0 10.4-70 10.4-70 10.0-14.0 10.1-15	FARMINGTON-COLLEGEV	ILLE AREA S	5-22.03				FARMINGTON-COLLEGEV	ILLE AREA	5-22.03 (Con	tinued)		
OIN/OSE-140DM 13.0 10.0-71 \$2.5 \$-33.5 5050 10.10/OSE-250DM 3.09-71 \$8.5 7-14.9 \$3.1 \$1.0 10.14-70 10.14	01N/06E-23J01M	11.8					01N/08E-30M01M	57.0				5050 5050
OIN/OTE-1ROIN So. 0	01N/06E-25H02M	19.0					01N/08E-33H01M	71.6				5110 5110
OIN/OFE-1300IN 45.0 2-18-71 79.0 -29.0 55.00 OIN/OFE-36FDIN 87.0 D1-16-70 10-16	01N/06E-26A02M	13.0					01N/08E-33J01M	72.0				5110 5110
NIMOTE-12001H S4.4 10-14-70 96.9 -42.5 \$310 01M/07E-13001H 142.0 10-14-70 190.0 44.0 311 01M/07E-13001H 120.0 10-14-70 190.0 44.0 311 01M/07E-13001H 120.0 10-14-70 10.5 16.5 311 01M/07E-13001H 120.0 10-14-70 10.5 12.5 311 01M/07E-13001H 10.0 10-14-70 10.5 12.5 311 01M/07E-13001H 10.0 10-14-70 11.5	01N/07E-11L01M	50.0					01N/08E-35R02M	82.0				5110 5110
Name	01N/07E-11M01M	45.0	2-18-71	84.9	-39.9	5050	01N/08E-36F01M	87.0				5110
No. No.	01N/07E-12Q01M	54.4					01N/09E-13D01M	142.0				5110
OIN/OFE-19001M 22.0 2-18-71 66.0 -44.0 5050 3-11-71 65.5 -43.5 5110 01N/OFE-17001M 103.0 10-14-70 116.5 -13.5 5110 01N/OFE-17001M 103.0 10-14-70 116.5 -13.0 5110 01N/OFE-19001M 103.0 10-14-70 116.5 -13.0 5110 01N/OFE-19001M 103.0 10-14-70 116.5 -13.0 5110 01N/OFE-29001M 103.0 10-14-70 116.5 -13.0 5110 01N/OFE-29001M 103.0 10-14-70 103.0 103.0 10-14-70 103.0	01N/07E-14L01M	47.0	10-21-70	93.6	-46.6	5050			3-08-71			5110
OIN/OTE-ZUROIM 29.0 10-14-70 82.0 -53.0 5110 OIN/OTE-ZUROIM 10-14-70 116.5 -13.5 5110 OIN/OTE-ZUROIM 37.0 10-14-70 86.0 -49.0 5110 OIN/OTE-ZUROIM 37.0 10-14-70 87.2 -41.2 5110 OIN/OTE-ZUROIM 87.0 10-14-70 116.2 -17.7 51.0 51.0 OIN/OTE-ZUROIM 51.0 10-14-70 116.2 -17.7 51.0 51.0 OIN/OTE-ZUROIM 51.0 OIN/OTE-ZUROIM 51.0 OIN/OTE-ZUROIM 51.0 OIN/OTE-ZUROIM 51.0 OIN/OTE-ZUROIM 51.0 OIN/OTE-ZUROIM OIN/OTE-SUROIM OIN/OTE-	01N/07E-19G01M	22.0					01N/09E-15B02M	120.0				5110 5110
			3-11-71	65.5			01N/09E-17D01M	103.0				5110 5110
OIN/OFE-23HOZM S1.0 10-14-70 (1) S0.0	01N/07E-20G01M	29.0			-53.0		01N/09E-17M01M	102.2			-10.5	5110 5110
OIN/OFE-24AOIM Section	01N/07E-21R01M	37.0					01N/09E-19C01M	98.5				5110 5110
OIN/OFE-24ADIM S8.0 2-17-71 89.5 -31.5 5050 OIN/OFE-24QDIM 125.0 10-14-70 96.8 28.2 51.0 OIN/OFE-24QDIM 125.0 OIN/OFE-24QDIM 125.0 OIN/OFE-24QDIM OIN/OFE-2	01N/07E-23H02M	51.0			-36.5		01N/09E-22G02M	118.0				5110 5110
01N/07E-26H03M 50.0 2-18-71 87.0 -37.0 5110 01N/09E-29A01M 106.5 10-14-70 108.8 37.0 50.0 2-18-71 87.0 -37.0 5110 01N/09E-29A01M 106.5 10-14-70 108.8 -2.3 51.0	01N/07E-24A01M	58.0	2-17-71	89.5	-31.5	5050	01N/09E-23Q01M	125.0		96.8		5110
01N/07E-26H03M 50.0 2-18-71 87.0 -37.2 5050 3-11-71 87.0 -37.0 5110 01N/09E-29A01M 106.5 10-14-70 108.8 -2.3 5110 10N/09E-27H02M 44.0 10-14-70 96.0 -32.0 5110 01N/09E-30C05M 96.0 10-14-70 101.6 5.0 51 3-08-71 104.0 -8.0 51 3-08-71 104.0 -8.0 51 3-08-71 104.0 -8.0 51 3-08-71 104.0 -8.0 51 3-08-71 101.0 -7.3 51 3-10-71 58.4 -26.9 5050 01N/09E-3PA01M 17.5 10-14-70 10.1 -3.0 51 3-09-71 99.0 22.3 51 3-08-71 102.5 -21.5 5050 01N/09E-3PA01M 17.3 10-14-70 10.1 -3.0 51 3-08-71 10.1 -3.0 51 3-08-71 10.1 -3.0 51 3-08-71 102.5 -21.0 51 3-08-71 102.5 -21.0 51 3-08-71 102.5 -21.0 51 3-08-71 102.5 -22.0 51 3-08-71 102	01N/07E-24R01M	57.0			-40.5				3-08-71	90.8	34.2	5050 5110 5050
01N/07E-27H02M 44.0 10-14-70 36.0 -32.0 5110 01N/09E-30CO5M 96.0 10-14-70 111.0 -15.0 51 10N/07E-28R0IM 36.0 10-19-70 79.2 -43.2 5050 01N/09E-32JOIM 107.5 10-14-70 98.7 8.8 51 10N/07E-31LOIM 21.0 10-21-70 335.0 -14.0 5050 01N/09E-32JOIM 107.5 10-14-70 98.7 8.8 51 10N/07E-31LOIM 29.5 10-19-70 64.8 -35.3 5050 01N/09E-33FOIM 117.3 10-14-70 110.0 7.3 51 10N/07E-32AOIM 29.5 10-19-70 64.8 -35.3 5050 01N/09E-33FOIM 147.2 10-15-70 (1) 51 10N/07E-31HOIM 29.5 10-19-70 64.8 -35.3 5050 01N/09E-36FOIM 147.2 10-15-70 (1) 51 10N/07E-31HOIM 49.1 10-14-70 (3) 5110 01S/07E-01JOIM 53.4 10-14-70 87.5 -34.1 51 10N/07E-31HOIM 3-11-71 74.4 -21.0 51 10N/07E-31HOIM 3-11-71 74.4 -21.0 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 51 10N/07E-31FOIM 3-10-71 30.0 -74.5 -31.4 -74.1	01N/07E-26H03M	50.0					01N/09E-29A01M	106.5	10-14-70	108.8	-2.3	5110 5110
OIN/OFE-38ROIM 36.0 10-19-70 79.2 -43.2 5050 3-10-71 68.6 -32.6 5050 5050 5010/0FE-32JOIM 107.5 10-14-70 98.7 8.8 51 5110 511	01N/07E-27H02M	44.0					01N/09E-30C05M	96.0	10-14-70	111.0	-15.0	5110
OIN/O7E-31LOIM 21.0 10-21-70 35.0 -14.0 5050 3-10-71 33.5 -12.5 5050 01N/09E-33F0IM 117.3 10-14-70 110.0 7.3 51 3-09-71 94.0 23.3 51 01N/07E-32A0IM 29.5 10-19-70 64.8 -35.3 5050 3-10-71 56.4 -26.9 5050 01N/09E-36F0IM 147.2 10-15-70 (1) 51 3-09-71 (1) 3-09-71 (1) 3-09-	01N/07E-28R01M	36.0					01N/09E-32J01M	107.5	10-14-70	98.7	8.8	5110
OIN/OFE-32A01M 29.5 10-19-70 64.8 -35.3 5050 3-10-71 56.4 -26.9 5050 01N/OFE-36P01M 147.2 10-15-70 (1) 51 5110 01S/OFE-01JO1M 53.4 10-14-70 87.5 -34.1 51 5110 01S/OFE-01JO1M 53.4 10-14-70 87.5 -34.1 51 5110 01S/OFE-01JO1M 53.4 10-14-70 87.5 -34.1 51 5110 01S/OFE-01JO1M 53.4 10-14-70 87.5 -34.1 51 5110 01S/OFE-01JO1M 43.1 10-14-70 74.4 -21.0 51 74.4 -21.0 -21.0 74.1 -21.0	01N/07E-31L01M	21.0					01N/09E-33P01M	117.3				5110
O1N/O7E-35HOIM	01N/07E-32A01M	29.5	10-19-70				01N/09E-36P01M	147.2			23.3	5110
01N/08E-13J01M 94.8 10-14-70 115.2 -20.4 5110 01S/07E-03A01M 43.1 10-14-70 74.5 -31.4 51 01N/08E-13P02M 90.5 10-14-70 113.6 -23.1 5050 3-08-71 100.5 -12.0 510 3-08-71 100.5 -12.0 510 3-08-71 100.4 -9.9 5050 01S/07E-05A01M 28.9 10-14-70 55.4 -26.5 51 3-12-71 100.4 -9.9 5050 01S/07E-06M02M 23.5 10-14-70 (4) 51.0 10-14-70 3-14.1 51 3-12-71 100.4 -9.9 5050 01S/07E-06M02M 23.5 10-14-70 (4) 51.0 10N/08E-16P01M 73.0 10-21-70 (1) 5050 3-10-71 27.0 -3.5 51 3-10-71 27.0 -3.5 51 3-10-71 25.4 5.5 51 3-10-71 25.4 5.5 51 01N/08E-19B01M 68.7 10-14-70 107.5 -38.8 5110 01S/07E-08J02M 30.9 10-13-70 24.4 6.5 51 3-10-71 25.4 5.5 51 01N/08E-19B01M 62.2 10-01-70 (0) 5050 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-10A01M 51.0 10-14-70 57.5 -16.5 50 01S/07E-12H01M 51.0 10-14-70 68.0 -17.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01S/07E-15F01M 40.0 10-01-70 (0) 500 01S/07E-15F01M 40.0 10-01-70 (0) 500 01S/07E-15F01M 40.0 10-01-70 (0) 500 01S/07E-15F01M 40.0 10-01-70 (0) 500 01S/07E-15F01M 40.0 10-01-70 (0)	01N/07E-35H01M	49.1	10-14-70	(3)		5110				(1)	-3/4 t	5110 5110
01N/08E-13P02M 90.5 10-14-70 116.5 -26.0 5110 10-14-70 113.6 -23.1 5050 3-08-71 102.5 -12.0 5110 3-12-71 100.4 -9.9 5050 01S/07E-05A01M 28.9 10-14-70 55.4 -26.5 51 3-10-71 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-06M02M 23.5 10-14-70 43.0 -14.1 51 01S/07E-08J02M 30.9 10-13-70 24.4 6.5 51 01S/07E-08J02M 30.9 10-13-70 24.4 6.5 51 01S/07E-08J02M 30.9 10-13-70 24.4 6.5 51 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-10A01M 41.0 10-14-70 57.5 -16.5 50 01S/07E-12H01M 51.0 10-14-70 68.0 -17.0 51 01S/07E-12H01M 51.0 10-14-70 68.0 -17.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01S/07E-13J01M 48.0 10-14-70 30.5 14.0 51 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01S/07E-15F01M 40.0 10-01-70 (0)	01N/08E-13J01M	94.8	10-14-70	115.2		5110			3-11-71	74.4	-21.0	5110
10-14-70	01N/00F-13B02M	90.5					01S/07E-03A01M	43.1				5110 5110
Oln/O8E-16POlm 73.0 10-21-70 (1) 5050	U1N/U6E-13FU2M	90.5	10-14-70 3-08-71	113.6 102.5	-23.1 -12.0	5050 5110	01S/07E-05A01M	28.9				5110 5110
01N/08E-17D01M 68.7 10-14-70 107.5 -38.8 5110	01N/08E-16P01M	73.0	10-21-70			5050	01S/07E-06M02M	23.5			-3.5	5110 5110
Oln/O8E-19BOlm 62.2 10-01-70 (0) 5050	01N/08E-17D01M	68.7					01S/07E-08J02M	30.9				5110 5110
01N/08E-21M01M 71.0 10-21-70 (1) 5050 3-11-71 (1) 51 01N/08E-26A02M 88.7 10-14-70 120.5 -31.8 5110 01S/07E-12H01M 51.0 10-14-70 68.0 -17.0 51 3-09-71 109.0 -20.3 5110 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01N/08E-27R02M 78.0 10-14-70 117.2 -39.2 5110 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 3-09-71 94.2 -16.2 5110 01S/07E-14F02M 44.5 10-14-70 30.5 14.0 51 01N/08E-28K01M 71.0 10-21-70 105.4 -34.4 5050 01S/07E-14F02M 44.5 10-14-70 30.5 14.0 51 3-10-71 90.4 -19.4 5050 01S/07E-15F01M 40.0 10-01-70 (0) 50				101.5	-32.8		01S/07E-10A01M	41.0				5110
01N/08E-26A02M 88.7 10-14-70 120.5 -31.8 5110 01s/07E-12H01M 51.0 10-14-70 68.0 -17.0 51 3-10-71 109.0 -20.3 5110 01s/07E-13J01M 48.0 10-14-70 39.0 9.0 51 01s/07E-13J01M 48.0 10-14-70 39.0 9.0 51 3-11-71 38.5 9.5 51 01s/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01s/07E-14P02M 44.5 10-14-70 30.5 30.5 30.5 30.5 30.5 30.5 30.5 30.									3-11-71	(1)		5050 5110 5050
01N/08E-27R02M 78.0 10-14-70 117.2 -39.2 5110 01S/07E-13J01M 48.0 10-14-70 39.0 9.0 51 3-10-71 94.2 -16.2 5110 01S/07E-14P02M 44.5 10-14-70 30.5 14.0 51 01N/08E-28K01M 71.0 10-21-70 105.4 -34.4 5050 3-10-71 90.4 -19.4 5050 01S/07E-15F01M 40.0 10-01-70 (0) 50	01N/08E-21M01M	/1.0			-26.9		01S/07E-12H01M	51.0	10-14-70	68.0	-17.0	5110
01N/08E-27R02M 78.0 10-14-70 117.2 -39.2 5110 3-11-71 38.5 9.5 51 01N/08E-28K01M 71.0 10-21-70 105.4 -34.4 5050 3-10-71 90.4 -19.4 5050 01s/07E-15F01M 40.0 10-01-70 (0) 50	01N/08E-26A02M	88.7						/.e *n				5110 5110
01N/08E-28K01M 71.0 10-21-70 105.4 -34.4 5050 3-10-71 90.4 -19.4 5050 01s/07E-15F01M 40.0 10-01-70 (0) 50	O1N/08E-27R02M	78.0							3-11-71	38.5	9.5	5110
01s/07E-15F01M 40.0 10-01-70 (0) 50	01N/08E-28K01M	71.0					01S/07E-14P02M	44.5		29.4		5110 5110
3-08-71 88.1 -24.0 5110	01N/08E-29M02M	64.1	10-14-70	101.8	-37.7	5110	01S/07E-15F01M	40.0	10-01-70	(0)		5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENC' SUPPLYIN DATA
FARMINGTON-COLLEGEV	ILLE AREA	5-22.03 (Cor	ntinued)			SOUTH SAN JOAQUIN I	RRIGATION	DISTRICT 5-	22.05 (Cont	Inued)	
01S/08E-06D01M	55.4	10-14-70 3-11-71	80.0 76.0	-24.6 -20.6	5110 5110	01S/07E-35Q01M	49.0	10-19-70 3-09-71	8.7 (1)	40.3	5050 5050
01S/08E-08J01M	62.7	10-30-70 11-30-70 12-30-70	77.9 76.1 74.4	-15.2 -13.4 -11.7	5050 5050 5050	01S/08E-25Q01M	90.5	10-14-70 3-09-71	47.9 45.6	42.6 44.9	5110 5110
		1-28-71 2-28-71 3-31-71	73.0 71.6 70.5	-10.3 -8.9 -7.8	5050 5050 5050	01S/08E-27A01M	75.0	10-19-70 3-09-71	53.9 50.3	21.1 24.7	5050 5050
		4-29-71 5-30-71 6-30-71	70.5 70.5 73.3 75.3	-7.8 -10.6 -12.6	5050 5050 5050	01s/08E-33N01M	67.0	10-14-70 3-11-71	31.2 30.2	35.8 36.8	5050 5050
		7-30-71 8-30-71 9-29-71	81.2 83.1 81.9	-18.5 -20.4 -19.2	5050 5050 5050	01s/08E-35R02M	88.0	10-19-70 3-09-71	39.3 39.9	48.7 48.1	50 5 0 50 5 0
01S/08E-09A01M	71.0		92.5	-21.5	5110	01s/09E-33J01M	125.0	3-09-71	44.3	80.7	5050
		10-14-70 3-11-71	79.5 92.7	-8.5 -12.7	5110	01S/09E-36A01M	145.0	10-00-70 3-00-71	52.7 52.9	92.3 92.1	4520 4520
01S/08E-11F01M	80.0	10-15-70 3-09-71	83.2	-3.2	5110 5110	02S/07E-07Q01M	28.0	10-19-70 3-09-71	(1) 36.7 7.5	-8.7 20.5	5050 5050
01S/08E-15A01M	73.5	10-14-70 10-14-70 3-11-71 3-12-71	88.4 82.7 68.5 73.3	-14.9 -9.2 5.0 0.2	5110 5050 5110 5050	02S/07E-08R01M	36.9	10-19-70 3-09-71	11.7 11.1	25.2 25.8	5050 5050
01S/08E-21A01M	66.8	10-14-70 3-11-71	67.0 58.2	-0.2 8.6	5110 5110	02S/07E-10B01M	46.0	10-19-70 3-09-71	14.3 14.4	31.7 31.6	5050 5050
01S/08E-29H01M	62.5	10-14-70 3-11-71	39.8 35.3	22.7 27.2	5110 5110	02S/07E-12G01M	56.0	10-19-70 3-09-71	13.7 14.0	42.3 42.0	5050 5050
01S/08E-30C01M	52.0	10-14-70 3-11-71	31.0 27.5	21.0 24.5	5110 5110	02S/07E-12R01M	55.0	10-14-70 3-11-71	17.8 17.7	37.2 37.3	5050 5050
01S/09E-02D01M	146.0	10-15-70 3-09-71	114.5 107.5	31.5 38.5	5110 5110	02S/07E-12R02M	55.0	10-14-70 3-11-71	15.1 15.0	39.9 40.0	5050 5050
01S/09E-02J01M	157.0	10-00-70 3-00-71	109.2 108.4	47.8 48.6	4520 4520	02S/07E-20R02M	32.0	10-19-70 3-09-71	7.8 8.0	24.2 24.0	5050 5050
01S/09E-02R01M	162.0	10-15-70 3-09-71	(1) 105.2	56.8	5110 5110	02S/07E-22J01M	44.0	10-19-70 3-09-71	(2) 8.0	36.0	5050 5050
01S/09E-05R01M °	105.7	10-15-70 3-09-71	93.0 76.5	12.7 29.2	5110 5110	02S/07E-24R02M	56.0	10-19-70 3-09-71	16.9 16.5	39.1 39.5	5050 5050
01S/09E-07N01M	96.2	10-15-70 3-09-71	83.0 (1)	13.2	5110 5110	02S/07E-34R01M	45.0	10-19-70 3-09-71	12.7 12.6	32.3 32.4	5050 5050
01S/09E-09R01M	127.6	10-15-70 3-09-71	91.0 83.0	36.6 44.6	5110 5110	02S/08E-09J01M	73.0	10-19-70 3-09-71	17.3 20.9	55.7 52.1	5050 5050
01S/09E-11J01M	140.0	10-00-70 3-00-71	79.7 77.6	60.3 62.4	4520 4520	02S/08E-14E01M	79.0	10-19-70 3-09-71	17.7 23.3	61.3 55.7	5050 5050
01S/09E-18R03M	103.8	10-15-70 3-09-71	82.8 76.3	21.0 27.5	5110 5110	02S/08E-17N01M	64.0	10-19-70 3-09-71	20.9	43.1 42.9	5050 5050
01S/09E-19Q02M	97.5	10-15-70 3-09-71	(1) (1)		5110 5110	02S/09E-02E01M	135.0	10-14-70 10-15-70 3-09-71 3-12-71	39.8 43.0 44.5 40.1	95.2 92.0 90.5 94.9	5050 5110 5110 5050
SOUTH SAN JOAQUIN I		DISTRICT 5-2				02S/09E-05C01M	110.0	10-19-70 3-09-71	35.5 37.7	74.5 72.3	5050 5050
01S/06E-24H02M	23.0	10-19-70 3-09-71	9.1 9.5	13.9 13.5	5050 5050	02S/09E-09Q01M	120.0	10-19-70 3-09-71	32.2 37.0	87.8 83.0	5050 5050
01S/07E-17N02M	30.0	10-19-70 3-09-71	9.1 12.4	20.9 17.6	5050 5050	02S/09E-11K01M	139.0	10-19-70 3-09-71	38.1 40.6	100.9 98.4	5050 5050
01S/07E-23N01M	45.0	10-19-70 3-09-71	16.2 19.6	28.8 25.4	5050 5050	02S/09E-18E01M	94.0	10-19-70 3-09-71	16.1 27.1	77.9 66.9	5050 5050
01S/07E-25R01M	56.0	10-19-70 3-09-71	22.3 24.1	33.7 31.9	5050 5050	02S/09E-19B02M	89.0	10-14-70 3-12-71	20.3	68.7	5050 5050
01S/07E-28D01M	34.0	10-14-70 3-11-71	7.1 9.3	26.9 24.7	5050 5050	DELTA AREA 5-22.52					
01S/07E-29N02M	30.0	10-19-70 3-09-71	8.6	21.4	5050 5050	01N/06E-27R01M	11.0	10-21-70 3-09-71	27.6 23.6	-16.6 -12.6	5050 5050
01S/07E-33H01M	40.0	10-14-70 3-11-71	10.1 11.4	29.9 28.6	5050 5050	03N/05E-16A01M	-3.0	10-13-70 3-15-71	(3) (3)		5110 5110

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
DELTA AREA 5-22.52	(Continued)					SURPRISE VALLEY 6-0	1.00 (Cont	Inued)			
01S/05E-35Q02M	8.0	10-13-70 3-10-71	7.5 7.0	0.5 1.0	5110 5110	42N/16E-17K01M	4651.6	10-20-71 3-29-71 4-21-71	26.6 23.7 23.0	4625.0 4627.9 4628.6	5050 5050 5050
01S/06E-02G02M	16.0	10-21-70 3-09-71	30.0 23.5	-14.0 -7.5	5050 5050			5-19-71 6-16-71 7-20-71	21.0 26.6 (1)	4630.6 4625.0	5050 5050 5050
01S/06E-04A02M	8.5	10-14-70 3-11-71	7.2 5.2	1.3 3.3	5050 5050			8-17-71 9-22-71	29.9 25.4	4621.7 4626.2	5050 5050
01S/06E-09J01M	7.0	10-21-70 3-09-71	10.7 7.1	-3.7 -0.1	5050 5050	43N/16E-17D01M	4687.4	10-20-70 3-29-71 4-21-71	32.3 31.7 31.6	4655.1 4655.7 4655.8	5050 5050 5050
01S/06E-11D01M	14.8	10-30-70 11-30-70 12-30-70 1-28-71 2-28-71 3-31-71	27.6 26.1 24.7 23.6 22.7 22.6	-12.8 -11.3 -9.9 -8.8 -7.9 -7.8	5050 5050 5050 5050 5050 5050	(4)/45 0/0014	4600.0	5-19-71 6-16-71 7-20-71 8-17-71 9-22-71	31.2 30.8 30.5 30.2 30.0	4656.2 4656.6 4656.9 4657.2 4657.4	5050 5050 5050 5050 5050
		4-29-71 6-01-71 6-30-71 7-30-71 8-30-71 9-29-71	25.1 25.3 27.2 31.2 31.8 30.8	-10.3 -10.5 -12.4 -16.4 -17.0 -16.0	5050 5050 5050 5050 5050 5050	46N/16E-04Q01M	4600.0	10-20-70 3-29-71 4-21-71 5-19-71 6-16-71 7-20-71 8-17-71	71.9 69.0 68.8 68.0 68.5 69.4 (7)	4528.1 4531.0 4531.2 4532.0 4531.5 4530.6	5050 5050 5050 5050 5050 5050 5050
01S/06E-12P01M	21.0	10-21-70 3-10-71	18.7 18.7	2.3 2.3	5050 5050			9-22-71	71.9	4528.1	5050
01S/06E-22Q02M	10.0	10-14-70 3-11-71	8.8 6.7	1.2 3.3	5050 5050	MADELINE PLAINS 6-0	2.00				
01S/06E-34K01M	9.0	10-19-70 3-09-71	9.7 7.8	-0.7 1.2	5050 5050	35N/13E-26J02M	5296.0	10-21-70 3-30-71	50.5 50.0	5245.5 5246.0	5050 5050
01S/06E-36C01M	23.0	10-19-70 3-09-71	11.3 11.4	11.7 11.6	5050 5050	37N/13E-09J01M	5342.4	10-21-70 3-30-71	15.4 9.7	5327.0 5332.7	5050 5050
02S/06E-02H01M	20.0	10-19-70 3-09-71	10.6 9.3	9.4 10.7	5050 5050	HONEY LAKE VALLEY 6	4106.1	10-21-70	56.2	4049.9	5050
02S/06E-11J01M	20.0	10-14-70 3-11-71	11.2 9.2	8.8 10.8	5050 5050	20N/ 10E-13E03N	4100.1	3-30-71 4-22-71 5-24-71	57.0 57.3 57.3	4049.1 4048.8 4048.8	5050 5050 5050
02S/06E-25R01M	23.0	10-19-70 3-09-71	8.4 8.3	14.6 14.7	5050 5050			6-17-71 7-21-71 8-19-71	57.3 57.6 57.9	4048.8 4048.5 4048.2	5050 5050 5050
03S/07E-05J01M	34.0	10-19-70 3-09-71	8.3 10.2	25.7 23.8	5050 5050	27N/15E-32G01M	4052.8	9-23-71 10-21-70	59.2 16.6	4046.9 4036.2	5050 5050
03S/07E-06Q01M	26.0	10-14-70 3-11-71	5.1 7.5	20.9 18.5	5050 5050			3-30-71 4-22-71 5-20-71 6-17-71 7-21-71	17.0 15.2 10.0 6.6 6.2	4035.8 4037.6 4042.8 4046.2 4046.6	5050 5050 5050 5050 5050
SURPRISE VALLEY 6-0		REGION 6-00	0.00					8-19-71 9-23-71	8.0 11.8	4044.8 4041.0	5050 5050
40N/16E-36G01M	4625.2	10-20-70 3-29-71 3-30-71	73.0 63.3 (0)	4552.2 4561.9	5050 5050 5050	28N/13E-11R01M	4068.6	10-21-70 3-30-71 4-22-71 5-20-71 6-17-71	27.0 17.9 17.6 17.4 16.9	4041.6 4050.7 4051.0 4051.2 4051.7	5050 5050 5050 5050 5050
40N/16E-36G02M	4625.0	10-20-70 3-29-71 4-21-71 5-19-71 6-16-71	76.3 63.5 63.5 (1) 54.1	4548.7 4561.5 4561.5	5050 5050 5050 5050 5050	29N/12E-05J01M	4172.3	7-21-71 8-19-71 9-23-71	(1) (1) (1)	4158.4	5050 5050 5050
		7-20-71 8-18-71 9-22-71	57.0 (1) (8)	4568.0	5050 5050 5050			3-30-71 4-22-71 5-20-71 6-17-71	10.2 11.2 10.7 10.7	4162.1 4161.1 4161.6 4161.6	5050 5050 5050 5050
41N/16E-27Q01M	4657.2	10-20-70 3-29-71 4-21-71 5-19-71 6-16-71 7-20-71 8-18-71 9-22-71	28.8 16.7 15.3 18.0 13.5 14.3 17.3	4628.4 4640.5 4641.9 4639.2 4643.7 4642.9 4639.9 4635.5	5050 5050 5050 5050 5050 5050 5050 505	29N/14E-17R02M	4046.9	7-21-71 8-19-71 9-23-71 10-21-70 3-30-71 4-22-71 5-20-71	13.2 13.4 13.2 7.0 5.0 5.1 5.9	4159.1 4158.9 4159.1 4039.9 4041.9 4041.8 4041.0	5050 5050 5050 5050 5050 5050 5050
41N/16E-35DO2M	4621.5	10-20-70 3-29-71 4-21-71 5-19-71 6-16-71 7-21-71 8-18-71 9-22-71	(1) 38.0 36.5 36.0 33.8 (1) 34.4	4583.5 4585.0 4585.5 4587.7	5050 5050 5050 5050 5050 5050 5050 505			6-17-71 7-21-71 8-19-71 9-23-71	5.0 3.8 (7) 4.5	4041.9 4043.1 4042.4	5050 5050 5050 5050

TABLE C-2 (Cont.)

GROUND WATER LEVELS AT WELLS

STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATÉ	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA	STATE WELL NUMBER	GROUND SURFACE ELEVATION IN FEET	DATE	GROUND SURFACE TO WATER SURFACE IN FEET	WATER SURFACE ELEVATION IN FEET	AGENCY SUPPLYING DATA
TAHOE VALLEY 6-05.	00					SOUTH TAHOE VALLEY	6-05.01 (Cd	ontinued)			
SOUTH TAHOE VALLEY	6-05.01					13N/18E-27K01M	6276.7	10-27-70	36.8	6239.9	5050
11N/18E-05N01M	6396.1	5-18-71 (1) 13.5	6382.6	5050			11-20-70 12-24-70	37.7 36.6	6239.0 6240.1	5050 5050
11N/18E-08M01M	6435.5	10-27-70 11-20-70 12-24-70 1-25-71 2-23-71	8.9 8.8 (9) (9)	6426.6 6426.7	5050 5050 5050 5050 5050			1-25-71 2-23-71 3-29-71 4-27-71 5-20-71	37.3 (3) 36.5 36.2 37.0	6239.4 6240.2 6240.5 6239.7	5050 5050 5050 5050 5050
		3-29-71	(9) 5.2	6430.3	5050 5050	13N/18E-33K01M	6242.0	5-19-71	14.0	6228.0	5050
		4-27-71 5-18-71	4.9	6430.6	5050	13N/18E-33MO1M	6253.1	10-27-70 11-20-70	26.6 24.4	6226.5 6228.7	5050 5050
12N/18E-01D04M	7280.0	5-20-71	13.5	7266.5	5050			12-24-70	25.0 24.2	6228.1 6228.9	5050 5050
12N/18E-02B01M	6274.1	5-20-71	30.3	6243.8	5050			2-23-71 3-29-71	23.8	6229.3 6229.4	5050 5050
12N/18E-02C01M	6274.3	5-20-71	(3)		5050			4-27-71	25.7 25.1 24.9	6228.0 6228.2	5050 5050
12N/18E-02C09M	6291.1	10-27-70	50.5	6240.6	5050	13N/18E-33R05M	6265 6	5-20-71 5-20-71		6238.3	5050
		11-20-70 12-24-70	50.4	6240.7	5050 5050		6265.6		27.3		
		1-25-71 2-23-71 3-29-71 4-27-71 5-20-71	50.3 50.3 50.2 49.3 48.7	6240.8 6240.9 6241.8 6242.4	5050 5050 5050 5050 5050	13N/18E-34M02M	6262.8	5-20-71	23.9	6238.9	5050
12N/18E-03A01M	6270.4	5-19-71 (4) 25.8	6244.6	5050						
12N/18E-03C10M	6263.2	5-19-71	26.3	6236.9	5050						
12N/18E-03D05M	6253.4	5-19-71	16.6	6236.8	5050						
12N/18E-03D08M	6261.9	5-19-71	29.3	6232.6	5050						
12N/18E-04A05M	6254.4	5-19-71	21.6	6232.8	5050						
12N/18E-04B02M	6236.7	10-27-70 11-20-70 12-24-70 1-25-71 2-23-71 3-29-71 4-27-71 5-19-71	8.1 7.9 7.2 7.0 7.2 6.9 7.1 7.1	6228.6 6228.8 6229.5 6229.7 6229.5 6229.8 6229.6	5050 5050 5050 5050 5050 5050 5050 505						
12N/18E-04L01M	6264.0	5-19-71	25.2	6238.8	5050						
12N/18E-05A02M	6239.7	5-19-71	5.5	6234.2	5050						
12N/18E-05C02M	6257.6	5-19-71	19.6	6238.0	5050						
12N/18E-05H01M	6256.3	10-27-70 11-20-70 12-24-70 1-25-71 2-23-71 3-29-71 4-27-71 5-19-71	14.9 14.6 13.9 13.8 13.2 12.4 11.7	6241.4 6241.7 6242.4 6242.5 6243.1 6243.9 6244.6 6244.2	5050 5050 5050 5050 5050 5050 5050 505						
12N/18E-05K01M	6271.0	5-19-71	29.7	6241.3	5050						
12N/18E-06R01M	6670.0	5-19-71 ((1) 45.3	6624.7	5050						
12N/18E-09D03M	6298.0	5-20-71 ((1) 60.4	6237.6	5050						
12N/18E-16M01M	6297.9	5-18-71	23.6	6274.3	5050						
12N/18E-21D01M	6283.0	5-18-71 ((1) 10.6	6272.4	5050						
12N/18E-29L01M	6335.0	10-27-70 11-20-70 12-24-70 1-25-71 2-23-71 3-29-71 4-27-71 5-18-71	20.6 20.8 (9) (9) (9) 16.8 12.4	6315.4 6315.2 6318.2 6322.6 6322.2	5050 5050 5050 5050 5050 5050 5050 505						
12N/18E-29N01M	6337.7	5-18-71	24.2	6313.5	5050						
13N/17E-35GO1M	6278.6	5-19-71	29.1	6249.5	5050						

 $\label{eq:Appendix D} \mbox{SURFACE WATER QUALITY}$

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INTRODUCTION

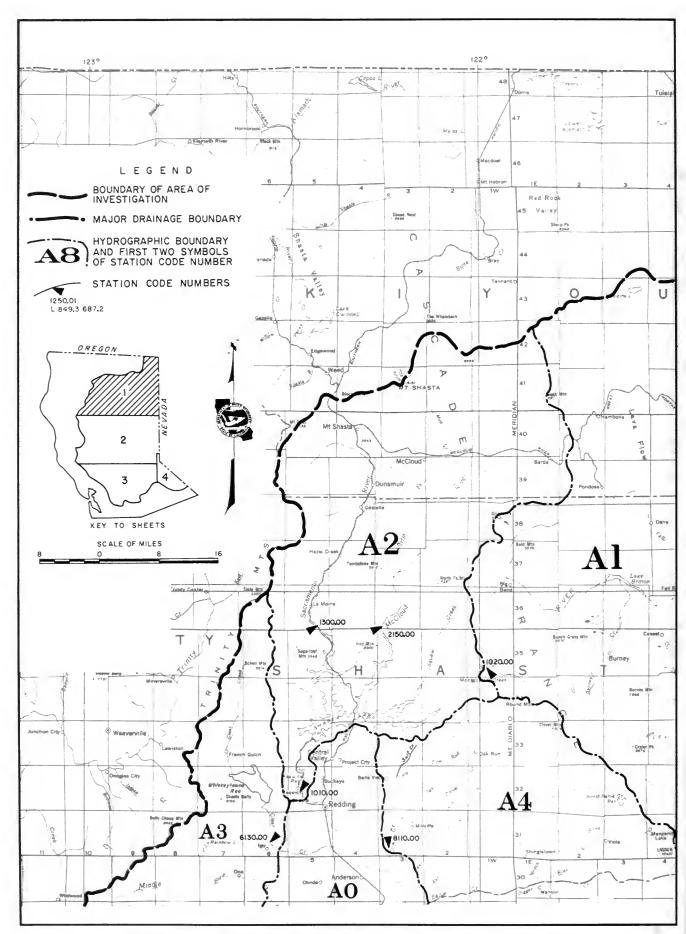
This appendix contains surface water quality data for 204 stream and estuarine stations in Northeastern California collected during the period from October 1, 1970, through September 30, 1971. Samples were collected by the Department of Water Resources, U. S. Bureau of Reclamation, U. S. Geological Survey, and six local water agencies in Yuba and Sutter Counties.

The Department of Water Resources Laboratory used procedures from the latest edition of "Standard Methods for the Examination of Water and Wastewater", for the determination of mineral, nutrient, and biological constituents. Pesticides are determined in accordance with the "Guide to the Analysis of Pesticide Residues", U. S. Department of Health, Education and Welfare, 1965. Laboratory services for the U. S. Bureau of Reclamation are provided by the U. S. Air Force at McClellan Air Force Base. It uses procedures in accordance with the "FWPCA Methods for Chemical Analysis of Water and Wastes", November 1968, for all parameters.

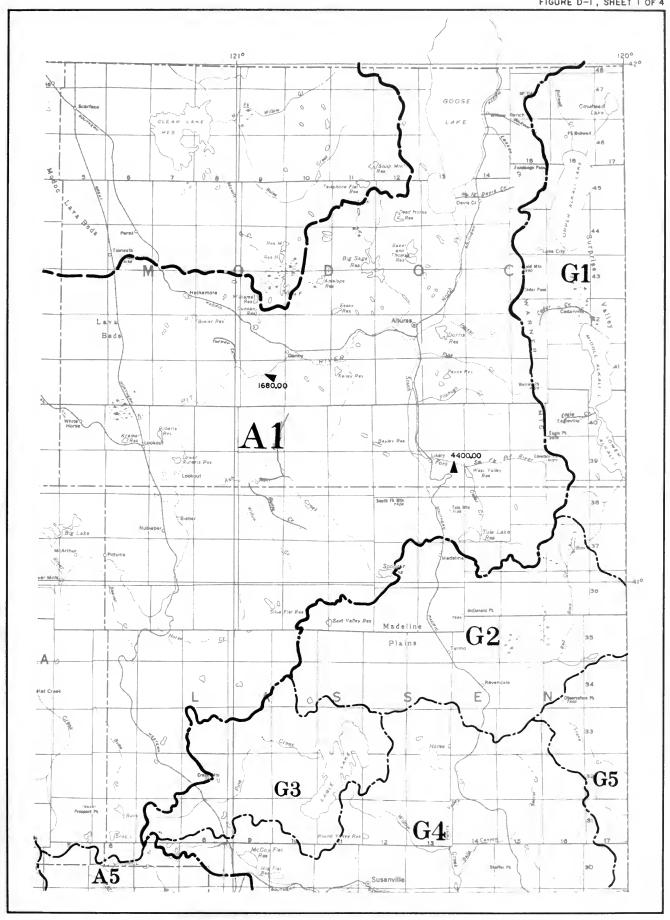
Two numbering systems are used in this bulletin for identifying water quality stations. The first is for those stations for which the flow of water can be measured readily, as in streams and rivers. This system is that which has been used in prior editions of the Bulletin No. 130 series and is also described in the Department's Bulletin No. 157, "Index of Stream Gaging Stations in and Adjacent to California, 1970".

The second numbering system is used for stations located in broad water bodies. This system is described as follows: The first two digits show the hydrographic unit as identified in Appendix B on page 11. The third digit identifies the type of water body and for this publication is a "B" for Bay system; "C" for canal; "D" for Sacramento-San Joaquin Delta system; "L" for lake; "R" for reservoir; "S" for slough; "V" for drain; and "X" for a channel of two-direction flow. The next digit is the last digit of the latitude in degrees, "3" for 33°, or "9" for 29°. The last three digits are the minutes of latitude to the tenth of a minute. The last four digits are the longitude in the same manner as latitude. A fifth digit indicates a sequence number when two stations have the same 8-digit latitude and longitude numbers.

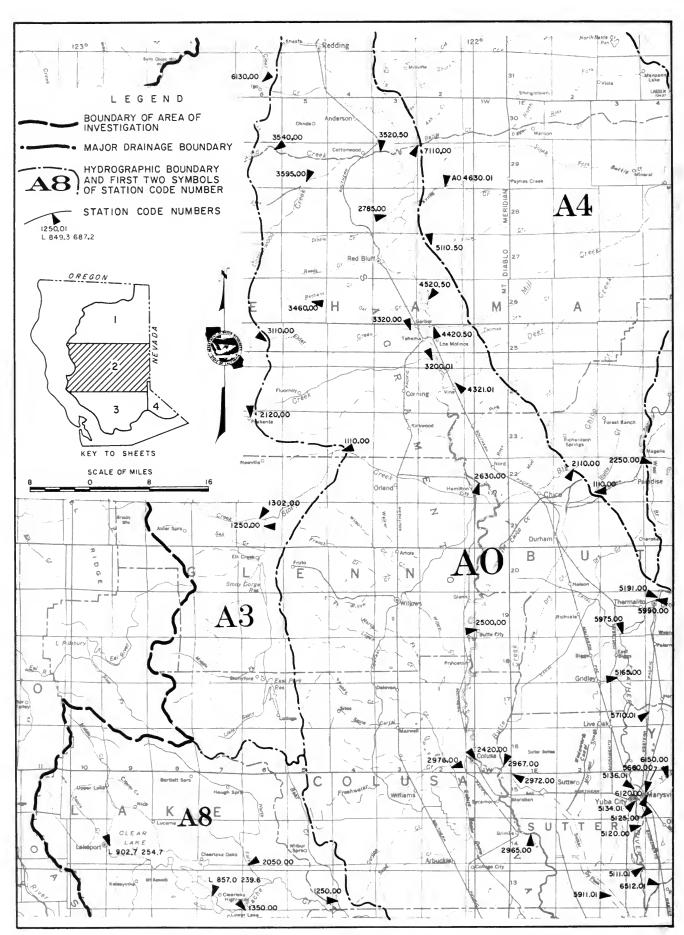
Example:	G7 L 904.5 008.4 2
G7	North Lahontan Area, Truckee River Unit
L	Water Body Lake
9	39° Latitude
04.5	04.5' Latitude
0	120° Longitude
08.4	08.4' Longitude
2	Second Station



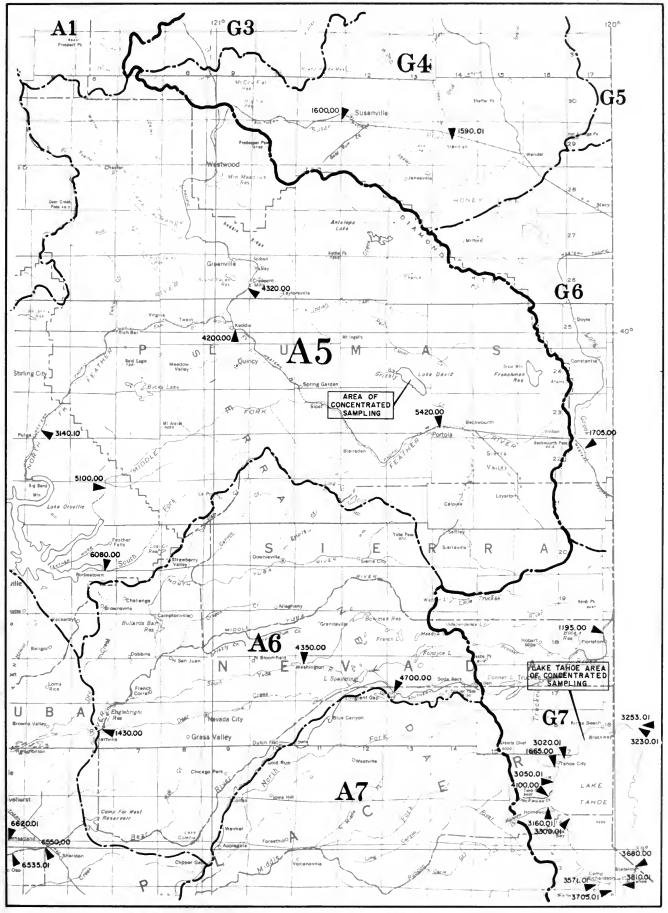
SURFACE WATER QUALITY SAMPLING STATIONS



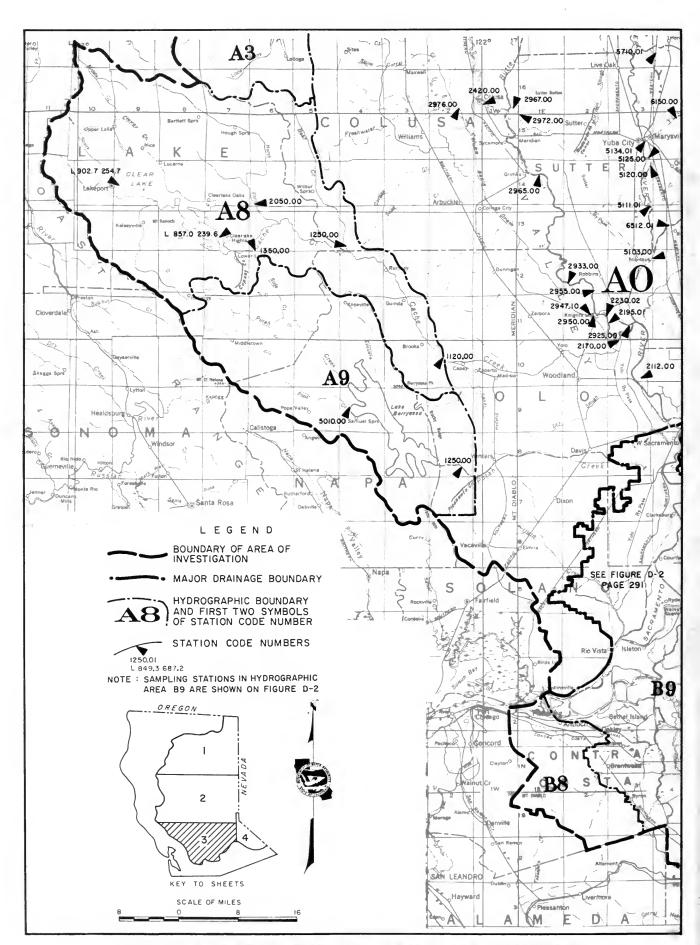
SURFACE WATER QUALITY SAMPLING STATIONS



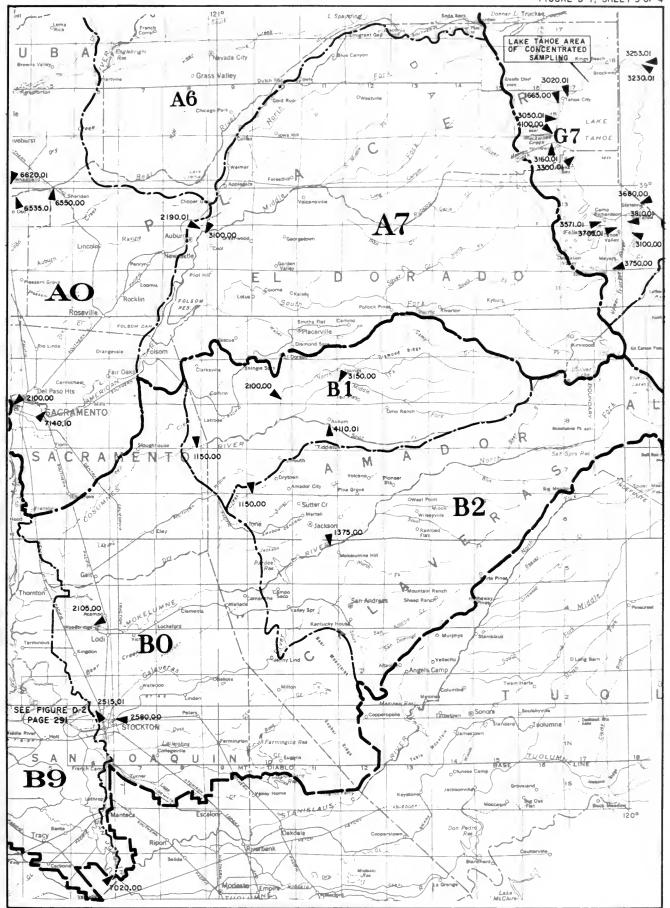
SURFACE WATER QUALITY SAMPLING STATIONS



SURFACE WATER QUALITY SAMPLING STATIONS

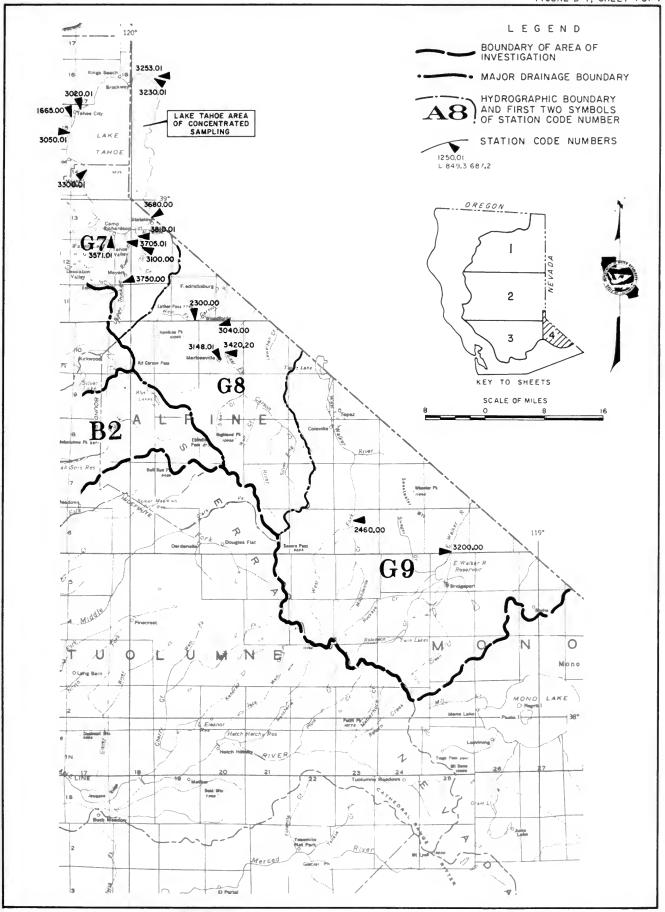


SURFACE WATER QUALITY SAMPLING STATIONS

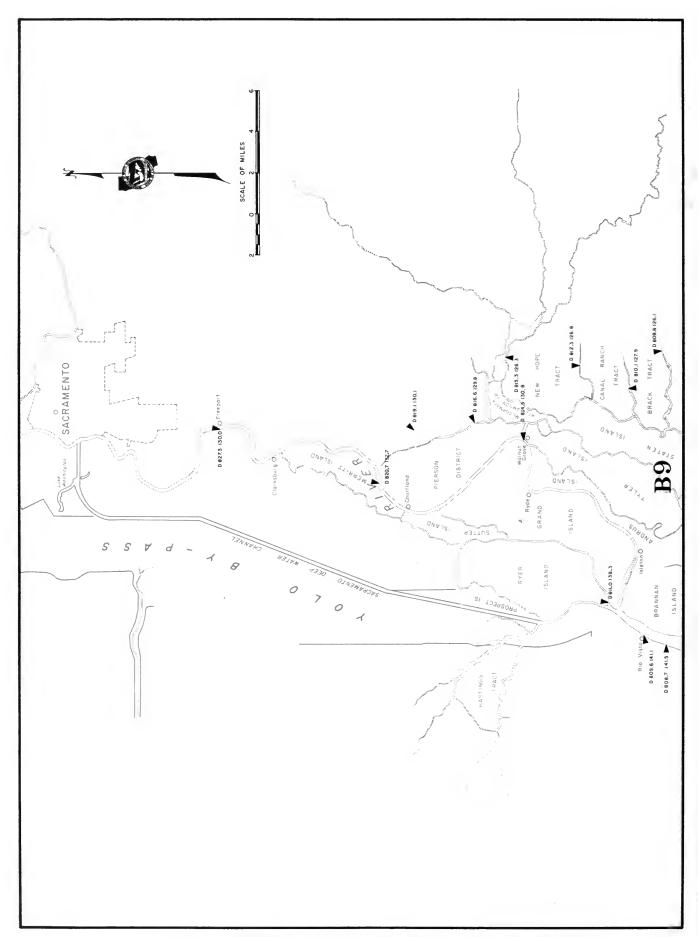


SURFACE WATER QUALITY SAMPLING STATIONS

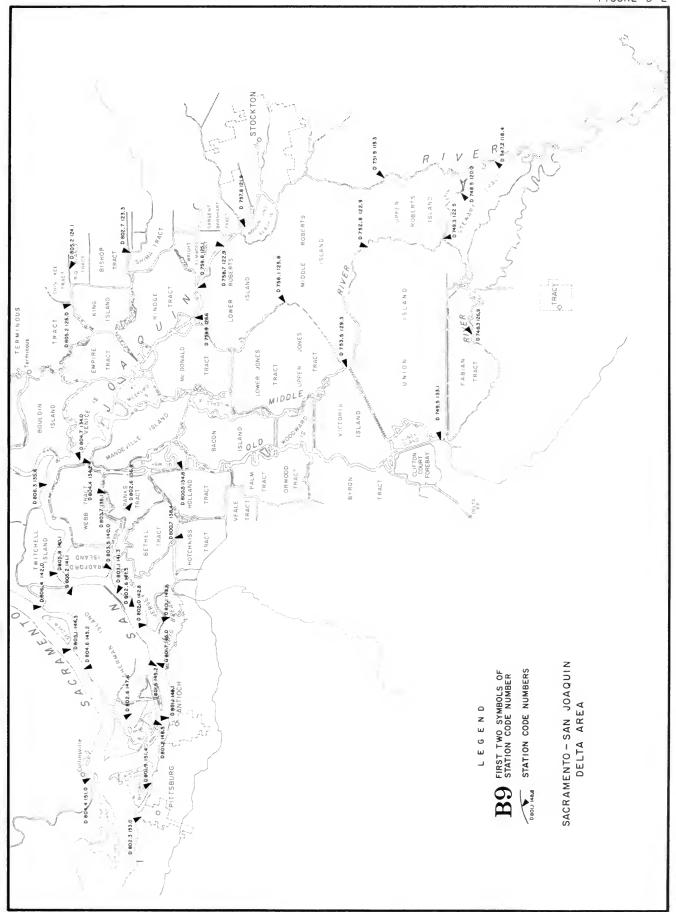
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SURFACE WATER QUALITY SAMPLING STATIONS



SURFACE WATER QUALITY SAMPLING STATIONS



SURFACE WATER QUALITY SAMPLING STATIONS

TABLE D-1
SAMPLING STATION DATA AND INDEX

	SAMPLING	STATIO	IN DATA	AND	INDEX					
		Local	tion			Data or	pages indicated			
Station	Station Number	Latitude	Longitude	Beginning of Record	Prequency of Sampling		Tables D-6 D-7 D-8 D-9 D-10	Figures D-1 D-2		
AMERICAN RIVER, MIDDLE FORK, NEAR AUBURN AMERICAN RIVER, NF ABOVE MF, AT AUBURN AMERICAN RIVER AT SACRAMENTO MATER FLANT ANTELOPE CREEK NEAR MOUTH NEAR RED BLUFF ANTELOPE CREEK NEAR RED BLUFF	A7 3100.00 A7 2190.01 A0 7140.10 A0 4520.50 A4 5110.50	38 54 51 38 55 34 38 33 35 40 06 30 40-12-10	121 02 07 121 02 20 121 24 57 122 06 35 122 07 05	May 1952 May 1952 Oct. 1968 Oct. 1958 Nov. 1958		313 352 313 352 307 349 303 348 311	410	287 287 284 284 284		
BATTLE CREEK NEAR COTTONNOOD BEAR CREEK NEAR RUMSEY BEAR RIVER AT FORTY MILE ROAD NEAR WHEATLAND BEAR RIVER NEAR RIO OSO BEAR RIVER NEAR WHEATLAND BEAVER SLOUGH NEAR THORNTON	A4 7110.00 A8 1250.00 A0 6535.01 A0 6512.01 A0 6550.00 B9 D 812.3 126.8	40-23 50 38 56 38 38 59 04 38 58 26 39 00 01 38 12 15	122 08 05 122 20 34 121 29 12 121 32 27 121 24 20 121 26 46	April 1958 Oct. 1968 March 1970 Feb. 1970 Dec. 1951 Jan. 1968	Semiannually Monthly Special Special Continuous Monthly	311 351 314 353 306 381 306 381 306 349 381 334 367 388	409	284 286 287 285 287		
BIG BREAK NEAR OAKLEY BIG CHICO CREEK NEAR CHICO BLACKWOOD CREEK NEAR TAHOE CITY BUTTE CREEK NEAR CHICO BUTTE SLOUGH NEAR MERIDIAN	B9 D 801.1 142.6 A4 2110.00 G7 4110.00 A4 1110.00 A0 2972.00	38 01 05 39 46 35 39 06 27 39 43 34 39 10 15	121 42 38 121 45 45 120 09 37 121 42 28 121 54 00	March 1968 July 1952 July 1952 Feb. 1971	Monthly	324 357 385 394 311 351 342 374 311 351 300 348		291 284 285 284 284		
BUTTE SLOUCH AT OUTFALL CATES BURTON CREEK IN STAR HARBOR (STATION T-8) CACHE CREEK NEAR CAPAY CACHE CREEK NEAR LOWER LAKE CACHE CREEK, NORTH FORK, NEAR LOWER LAKE	A0 2967.00 G7 3020.01 A8 1120.00 A8 1350.00 A8 2050.00	39 11 42 39 10 54 38 43 43 38 55 24 39 01 06	121 56 06 120 07 08 122 06 14 122 33 54 122 34 05	Aug. 1969 Aug. 1971 Dec. 1951 Nov. 1951	Monthly Special Continuous Monthly Monthly	300 379 341 373 391 314 353 315 353 384 315 353	411	284 285 286 284 284		
CALAVERAS RIVER AT STOCKTON CARSON RIVER, EF, AT HWY 4 BRIDGE NEAR MARKLEEVILLE CARSON RIVER, WEST FORK, AT WOODFORDS CLEAR CREEK NEAR IGO CLEAR LAKE NEAR CLEARLAKE HIGHLANDS CLEAR LAKE AT LAKEPORT	B0 2515.01 G8 3420.20 G8 2300.00 A3 6130.00 A8 L 857.0 239.61 A8 L 902.7 254.71	37 59 35 38 41 20 38 46 10 40 30 47 38 58 05 39 02 36	121 17 11 119 45 44 119 50 00 122 31 24 122 39 46 122 54 48	July 1958 Sept. 1958 Aug. 1958 April 1958 Nov. 1968 April 1951	Special Semiannually Semiannually Semiannually Bimonthly	317 353 343 374 342 374 311 351 313 383 313 383		287 289 289 282 284 284		
COLUSA BASIN DRAIN AT HIGHWAY 20 COLUSA BASIN DRAIN NEAR KNIGHTS LANDING COSUMMES RIVER AT MICHIGAN BAR COSUMMES RIVER, MIDDLE FORK, NEAR SOMERSET COSUMMES RIVER, NORTH FORK, NEAR EL DORADO	A0 2976.00 A0 2947.10 B1 1150.00 B1 3150.00 B1 2100.00	39 11 45 38 48 45 38 30 01 38 37 29 38 52 20	122 34 46 122 03 35 121 46 25 121 02 40 120 42 02 120 50 38	July 1962 March 1967 July 1952 Oct. 1967	Monthly Monthly Continuous Continuous Bimonthly Bimonthly	301 348 298 347 377 318 354 319	406 414	284 286 287 287 287		
COSUMMES RIVER, SOUTH FORK, AT RIVER FINES COTTONWOOD CREEK AT COTTONWOOD COTTONWOOD CREEK BELOW NORTH FORK COTTONWOOD CREEK COTTONWOOD CREEK, SOUTH FORK, NEAR COTTONWOOD COW CREEK NEAR MILLYILLE	B1 4110.01 A0 3520.50 A0 3540.00 A0 3595.00 A4 8110.00	38 32 48 40 22 35 40 23 00 40 19 00 40 30 20	120 44 10 122 16 45 122 29 10 122 26 55 122 13 55	Oct. 1967 April 1951 Oct. 1958 Nov. 1958 April 1958	Bimonthly Monthly Bimonthly Bimonthly Semiannually	319 301 348 302 302 348 311 351		287 284 284 284 284		
DEER CREEK AT HIGHWAY 99E NEAR VINA DISAPPOINTMENT SLOUCH NEAR LODI DRY CREEK AT FORTY MILE ROAD NEAR RIO OSO DRY CREEK NEAR IONE DUTCH SLOUGH AT BETHEL ISLAND BRIDGE	A0 4321.01 B9 D 802.7 123.3 A0 6620.01 B2 1150.00 B9 D 800.7 138.4	39 56 48 38 02 42 38 59 47 38 24 54 38 00 43	122 03 06 121 23 15 121 29 25 120 54 18 121 38 24	May 1971 March 1970 Oct. 1967 May 1955	Monthly Monthly Special Bimonthly Four-Day	302 348 328 362 387 307 381 319 354 323 357	420 423	284 291 287 287 291		
EAST WALKER RIVER NEAR BRIDGEPORT EDGEWOOD CREEK AT STATE LINE (STATION T-7) ELDER CREEK AT GERBER ELDER CREEK NEAR PASKENTA FALSE RIVER AT BRADFORD ISLAND	G9 3200.00 G7 3680.00 A0 3320.00 A3 3110.00 B9 D 803.5 140.0	38 19 40 38 57 58 40 03 05 40 01 30 38 03 28	119 12 49 119 56 11 122 09 55 122 30 36 121 40 01	Aug. 1958 Aug. 1971 Jan. 1959 Oct. 1958 April 1965	Semiannually Special Special Semiannually Four-Day	343 374 342 373 391 348 311	420 423	289 285 284 284 291		
FALSE RIVER AT WEBB PUMP FEATHER RIVER NEAR GRIDLEY FEATHER RIVER AT NICOLAUS FEATHER RIVER AT OROVILLE FEATHER RIVER AT SHANGHAI BEND FEATHER RIVER BELOW SHANGHAI BEND	B9 D 803.7 136.1 A0 5165.00 A0 5103.00 A0 5191.00 A0 5125.00 A0 5120.00	38 03 43 39 22 01 38 54 01 39 31 07 39 05 58 39 04 44	121 36 03 121 38 43 121 35 00 121 32 50 121 35 40 121 36 08	Feb. 1968 March 1967 March 1949 March 1951 March 1970 July 1958	Bimonthly Special Monthly Special Special Special	329 363 304 349 380 303 348 379 305 349 304 380 304 379	419 419	291 284 286 284 284 284		
FEATHER RIVER BELOW STAR BEND FEATHER RIVER AT YUBA CITY DIVERSION FEATHER RIVER ABOVE YUBA RIVER AT YUBA CITY FEATHER RIVER, MIDDLE FORK, NEAR MERRIMAC FEATHER RIVER, MIDDLE FORK, NEAR PORTOLA FEATHER RIVER, NORTH FORK, ABOVE FLEA VALLEY CREEK	A0 5111.01 A0 5136.01 A0 5134.01 A5 5100.00 A5 5420.00 A5 3140.10	39 00 32 39 09 35 39 07 45 39 42 30 39 42 19 39 48 09	121 34 42 121 36 37 121 35 55 121 16 15 120 26009 121 26 57	Feb. 1958 Sept. 1969 Feb. 1970 July 1963 May 1971 July 1963	Special Special Special Special Special Special Special	303 379 304 380 304 380 312 352 312 352 312 352		284 284 284 285 285 285		
FEATHER RIVER, SOUTH FORK, BELOW PONDEROSA DAM FEATHER RIVER, WEST BRANCH, NEAR PARADISE FEATHER RIVER FISH HATCHERY FRANKS TRACT NEAR RUSSOS LANDING FREMAN CREEK, TRIBUTARY OF TRIBUTARY, AT LAKE DAVIS		39 33 05 39 47 15 39 31 05 38 02 38 39 55 17	121 18 30 121 33 40 121 33 11 121 36 49 120 32 56	July 1958 Oct. 1967 March 1969 April 1968 April 1971	Special Special Continuous Bimonthly Special Semiannually	312 352 312 352 326 360 386 395 312 383 342 373 391	199	285 284 284 291 285*		
CENERAL CREEK NEAR MEEKS BAY (STATION T-3) GRINDSTONE CREEK NEAR ELK CREEK HOG SLOUCH NEAR THORNTON INCLINE CREEK AT INCLINE VILLAGE (STATION T-2) INDIAN CREEK NEAR CRESCENT MILLS INDIAN CREEK RESERVOIR OUTLET NEAR WOODFORDS	G7 3300.01 A3 1302.00 B9 D 810.1 127.9 G7 3253.01 A5 4320.00 G8 3040.00	39 03 15 39 40 48 38 10 06 39 14 30 40 04 20 38 45 01	120 06 49 122 31 52 121 27 55 119 56 33 120 55 35 119 46 45	July 1968 April 1969 July 1968 April 1951 Sept. 1971	Bimonthly Monthly Semiannually Special Special	310 351 382 334 367 388 342 373 391 312 352 343 391		285 284 290 285 285 289		
JACK SLOUGH AT MARYSVILLE LAKE DAVIS IN COW CREEK CHANNEL LAKE DAVIS NEAR DAM (STATION 1) LAKE DAVIS IN FREEHAN CREEK CHANNEL LAKE DAVIS IN BIG GRIZZLY CREEK CHANNEL	A0 5660.00 A5 R 954.9 032.1 A5 R 953.0 028.6 A5 R 955.3 033.0 A5 R 955.7 033.7	39 09 34 39 54 54 39 52 58 39 55 18 39 55 40	121 35 34 120 32 05 120 28 34 120 33 00 120 33 42	Sept. 1967 June 1970 Sept. 1968 June 1970 June 1970	Special Special Special Special Special	305 380 312 383 312 351 383 312 383 312 383	419	284 285* 285* 285* 285*		
LAKE DAVIS, MIDLAKE (STATION 2) LAKE DAVIS NEAR NORTH END (STATION 3) LAKE DAVIS TRIBUTARY NORTH OF COW CREEK LAKE TAHOE NEAR CAMP RICHARDSON (STATION S-6) LAKE TAHOE AT CHAMBERS LANDING PIER (STATION S-9)	A5 R 954.9 030.3 A5 R 955.9 031.3 A5 5486.41 G7 L 856.5 003.4 G7 L 904.5 008.42	39 54 55 39 55 55 39 54 57 38 56 28 39 04 28	120 30 20 120 31 20 120 32 12 120 03 25 120 08 25	May 1970 May 1970 April 1971 Aug. 1971 Aug. 1971	Special Special Special Special Special	312 352 383 312 352 383 312 383 339 372 390 340 372 390	419 419	285* 285* 285* 285* 285*		
LAKE TAHOE AT CHAMBERS LODGE (STATION L-9) LAKE TAHOE AT CLENBROOK (STATION L-3) LAKE TAHOE AT CLENBROOK BAY PIER (STATION S-3) LAKE TAHOE AT INCLINE CUARD STATION (STATION L-4) LAKE TAHOE AT KINCS BEACH PIER (STATION S-7) LAKE TAHOE AT KINCS CASTLE PIER (STATION S-4)	G7 L 904.5 008.4 G7 L 905.4 956.4 G7 L 905.3 956.4 G7 L 914.3 956.8 G7 L 914.2 002.3 G7 L 914.2 956.6	39 04 29 39 05 22 39 05 13 39 14 18 39 14 14	120 08 23 119 56 26 119 56 24 119 56 45 120 02 16 119 56 37	July 1968 July 1968 Aug. 1971 July 1968 Aug. 1971 Aug. 1971	Semiannually Semiannually Special Semiannually Special Special	340 372 390 340 372 390 340 372 390 341 373 391 341 373 391 341 373 391		285* 285* 285* 285* 285*		
LAKE TAHOE NEAR LAKE FOREST (STATION L-5) LAKE TAHOE AT MEEKS BAY RESORT PIER (STATION S-12) LAKE TAHOE, NORTH CENTER (STATION C-2) LAKE TAHOE AT PIER NR MOUTH OF WARD CREEK (STA S-11) LAKE TAHOE AT RUBICON BAY (STATION L-2)	G7 L 910.8 007.1 G7 L 902.3 007.2 G7 L 908.7 000.3	39 10 35 39 02 19 39 08 42 39 07 50 39 00 52	120 06 50 120 07 14 120 00 15 120 09 09 120 06 48	April 1965 Aug. 1971 July 1968 Aug. 1971 July 1968	Semiannually Special Special Special Special Special	341 372 390 340 372 390 340 372 390 340 372 390 340 372 390		285* 285* 285* 285* 285*		
LAKE TAHOE AT RUBICON BAY PIER (STATION S-2) LAKE TAHOE, SOUTH CENTER (STATION L-1) LAKE TAHOE AT SURP AND SANDS PIER (STATION S-10) LAKE TAHOE NEAR TAHOE KEYS (STATION L-1) LAKE TAHOE AT TAHOE KEYS PIER (STATION S-1)	G7 L 900.9 006.82 G7 L 900.0 000.0 G7 L 857.0 958.02 G7 L 856.4 000.6 G7 L 856.3 000.5	39 00 52 39 00 00 38 57 00 38 56 22 38 56 18	120 06 50 120 00 00 119 58 00 120 00 34 120 00 29	Aug. 1971 July 1968 Aug. 1971 July 1968 Aug. 1971	Special Semiannually Special Semiannually Special	340 372 390 339 372 390 339 372 390 339 371 389 371 389		285* 285* 285* 285*		
LAKE TAHOE AT TAHOE VISTA (STATION L-7) LAKE TAHOE NEAR TAYLOR CREEK (STATION L-6) LAKE TAHOE AT U. S. COAST GUARD PIER (STATION S-5) LAKE TAHOE AT ZEPHYR COVE (STATION L-8) LAKE TAHOE AT ZEPHYR COVE PIER (STATION S-8)	G7 L 914.2 002.2 G7 L 856.5 003.3 G7 L 910.8 007.12 G7 L 900.5 956.9 G7 L 900.4 956.9	39 14 10 38 56 32 39 10 50 39 00 32 39 00 26	120 02 11 120 03 20 120 07 05 119 56 56 119 56 56	July 1968 July 1968 Aug. 1971 July 1968 Aug. 1971	Semiannually Semiannually Special Semiannually Special	341 373 391 339 372 389 341 372 391 340 372 390 339 372 390		285* 285* 285* 285*		
LONG VALLEY CREEK NEAR HALLELUJAH JUNCTION	G6 1705.00	39 46 55	120 04 14	March 1971	Bimonthly	339 371		285		

SAMPLING STATION DATA AND INDEX

		Loca	tion			Data on pages i	ndicated	
Station	Station Number	Latitude	Longitude	Beginning	Fraquancy	Tables		Figures
	Homber	0 1 11	0 1 11	of Record	of Sampling	0-2 D-3 D-4 D-5 D-6 D-7 D	-8 D-9 D-10	D~2 D~3
MADDEN CREEK NEAR MOUTH (STATION T-10) MARKLEEVILLE CREEK AT MARKLEEVILLE MCCLOUD RIVER ABOVE SHASTA LAKE MIDDLE RIVER AT BORDEN HIGHWAY MIDDLE RIVER AT WILLIAMS BRIDGE NEAR HOLT	G7 3160.01 G8 3148.01 A2 2150.00 B9 D 753.5 129.3 B9 D 752.6 122.9	39 05 27 38 41 36 40 57 30 37 53 28 37 52 35	120 09 43 119 46 38 122 13 05 121 29 20 121 22 56	Aug. 1971 May 1971 April 1951 Sept. 1968	Special Special Bimonthly Monthly Monthly	342 373 391 343 374 309 351 321 355 385 320 355 385		285 289 282 291 291
MILL CREEK NEAR MOUTH NEAR LOS MOLINOS MOKELUMNE RIVER NEAR MOKELUMNE HILL MOKELUMNE RIVER NEAR THORNTON MOKELUMNE RIVER AT WOODBRIDGE NEW YORK SLOUGH NEAR PITTSBURG FOINT	A0 4420.50 B2 1375.00 B9 D 815.3 126.3 B0 2105.00 B9 D 801.9 151.4	40 02 35 38 18 46 38 15 20 38 09 30 38 01 54	122 05 55 120 43 09 121 26 21 121 18 10 121 51 25	July 1952 Feb. 1968 April 1951 Sept. 1968	Bimonthly Special Monthly Continuoua Monthly	302 348 319 354 335 367 389 397 316 353 412 326 360	-	284 287 290 287 291
NORTH HONCUT CREEK AT HIGHHAY 70 OLD RIVER AT CLIFTON COURT FERRY OLD RIVER BELOW HEAD OLD RIVER AT HOLLAND TRACT OLD RIVER AT JUNCTION WITH MIDDLE RIVER	A0 5710.01 B9 D 749.5 133.1 B9 D 748.5 120.0 B9 D 800.5 134.8 B9 D 749.3 122.5	39 18 35 37 49 28 37 48 32 38 00 27 37 49 19	121 35 42 121 33 05 121 19 59 121 34 47 121 22 27	June 1967 Sept. 1952 April 1968	Special Continuous Special Monthly Special	305 380 320 355 400 320 354 384 323 357 320 355 384		284 291 291 291 291
OLD RIVER AT MOUTH OLD RIVER AT TRACY ROAD BRIDGE PAYNES CREEK NEAR RED BLUFF PIT RIVER NEAR CANBY PIT RIVER NEAR MONTCOMERY CREEK	B9 D 804.4 134.2 B9 D 748.3 126.9 A0 4630.01 A1 1680.00 A1 1020.00	38 04 23 37 48 17 40 18 57 41 24 23 40 50 30	121 34 14 121 26 55 122 04 12 120 55 38 122 01 00	Feb. 1968 Feb. 1968 Oct. 1958 April 1951 April 1951	Semiannually Monthly Special Monthly Bimonthly	330 363 387 396 320 354 384 348 308 350 307 350		291 291 284 283 282
PIT RIVER, SOUTH FORK, NEAR LIKELY POPE CREEK NEAR WINTERS PUTAH CREEK NEAR WINTERS R. D. 70 DRAINAGE TO SACRAMENTO RIVER R. D. 108 DRAINAGE TO SACRAMENTO RIVER	A1 4400.00 A9 5010.00 A9 1250.00 A0 2965.00 A0 2933.00	41 13 51 38 37 48 38 30 55 39 04 06 38 51 48	120 26 10 122 19 52 122 04 50 121 51 42 121 47 30	Aug. 1958 June 1971 Dec. 1951 Aug. 1969 Aug. 1969	Semiannually Special Monthly Monthly Monthly	308 350 316 353 316 353 300 347 378 298 347 377		283 286 286 284 286
R. D. 781 DRAINAGE TO COLUSA BASIN DRAIN R. D. 787 DRAINAGE TO SACRAMENTO RIVER BED BANK CREEK NEAR RED BLUFF SACRAMENTO RIVER AT BEND BRIDGE SACRAMENTO RIVER AT BUTTE CITY	A0 2950.00 A0 2955.00 A0 3460.00 A0 2785.00 A0 2500.00	38 48 06 38 50 48 40 05 25 40 15 48 39 27 35	121 43 36 121 43 48 122 24 45 122 13 19 121 59 35	Aug. 1969 Aug. 1969 Jan. 1959 Jan. 1957 Jan. 1957	Monthly Monthly Special Bimonthly Bimonthly	299 347 378 299 347 378 301 348 297 347 377 297		286 286 284 284 284
SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER AT COLUSA SACRAMENTO RIVER ABOVE COLUSA BASIN DRAIN SACRAMENTO RIVER AT DELTA SACRAMENTO RIVER AT ELKHORN FERRY	B9 D 804.4 151.0 A0 2420.00 A0 2230.02 A2 1300.00 A0 2112.00	38 04 27 39 12 48 38 48 29 40 56 20 38 40 33	121 50 58 121 59 54 121 43 25 122 24 55 121 37 15	1924 Oct. 1958 July 1960 April 1951 Aug. 1969	Four-Day Monthly Monthly Bimonthly Monthly	296 346 405 296 345 376 309 351 295 345 376	420 423	291 284 284 282 286
SACRAMENTO RIVER AT EMMATON SACRAMENTO RIVER BELOW EMMATON SACRAMENTO RIVER AT FREEPORT SACRAMENTO RIVER AT TREMONT WEIR, WEST END SACRAMENTO RIVER AT GREENE'S LANDING	B9 D 805.1 144.3 B9 D 804.6 145.2 B9 D 827.3 130.0 A0 2170.00 B9 D 820.7 132.7	38 05 04 38 04 35 38 27 21 38 45 34 38 20 45	121 44 17 121 45 10 121 30 00 121 39 59 121 32 42	Oct. 1967 1955 June 1960 June 1965 July 1962	Biweekly Four-Day Monthly Continuoua Continuoua	330 364 337 370 389 397 295 345 376 393 398 404 336 369 397 403 418	420 423	291 291 290 286 290
SACRAMENTO RIVER AT HAMILTON CITY SACRAMENTO RIVER AT ISLETON BRIDGE SACRAMENTO RIVER AT KESWICK SACRAMENTO RIVER BELOW KINICHTS LANDING SACRAMENTO RIVER AT PITTSBURG	A0 2630.00 B9 D 810.3 135.6 A2 1010.00 A0 2195.01 B9 D 802.3 153.0	39 45 06 38 10 20 40 36 40 38 45 38 38 02 18	121 59 48 121 35 35 122 26 45 121 40 35 121 52 58	April 1951 April 1960 April 1951 July 1967 1945	Bimonthly Four-Day Monthly Monthly Four-Day	297 346 308 350 381 296 345	420 423 420 423	284 290 282 286 291
SACRAMENTO RIVER AT RIO VISTA SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT SACRAMENTO SACRAMENTO RIVER AT MALMUT CROVE SACRAMENTO SLOUGH AT SACRAMENTO RIVER	B9 D 808.7 141.5 B9 D 809.6 141.1 A0 2100.00 B9 D 814.5 130.8 A0 2925.00	38 08 42 38 09 35 38 35 20 38 14 32 38 46 50	121 41 30 121 41 06 121 30 15 121 30 48 121 38 03	April 1951 April 1951 Dec. 1960 Jan. 1951	Special Four-Day Special Continuous Monthly	333 365 333 366 388 396 295 345 335 367 402 298 347 377	420 423	290 290 287 290 286
SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT ANTIOCH SRIDGE (AT LIGHT 12) SAN JOAQUIN RIVER AT ANTIOCH SHIP CHANNEL SAN JOAQUIN RIVER AT BILIND POINT	B9 D 801.1 148.1 B9 D 801.7 145.0 B9 D 801.6 145.2 B9 D 801.2 148.5 B9 D 801.9 143.2	38 01 04 38 01 43 38 01 38 38 01 15 38 01 57	121 48 06 121 44 58 121 45 12 121 48 28 121 43 09	Oct. 1966 June 1960 June 1960 Jan. 1968 June 1968	Continuoua Four-Day Monthly Monthly Bimonthly	324 358 402 417 325 359 386 324 358 386 394 326	420 423 420 423	291 291 291 291 291
SAN JOAQUIN RIVER AT BRANDT BRIDGE SAN JOAQUIN RIVER AT BUCKLEY COVE SAN JOAQUIN RIVER AT JERSEY ISLAND SAN JOAQUIN RIVER AT JERSEY POINT SAN JOAQUIN RIVER AT LIGHT NO. 24	B9 D 751.9 119.3 B9 D 758.7 122.9 B9 D 802.6 141.5 B9 D 803.1 141.3 B9 D 759.9 126.6	37 51 53 37 58 42 38 02 37 38 03 09 37 59 51	121 19 19 121 22 55 121 41 32 121 41 17 121 26 36	March 1957 Feb. 1968 July 1952 Oct. 1967	Special Monthly Four-Day Weekly Special	320 355 385 322 356 385 393 328 362 387 395 323 357 385	420 423	291 291 291 291 291
SAN JOAQUIN RIVER AT MOSSDALE BRIDGE SAN JOAQUIN RIVER AT POTATO POINT SAN JOAQUIN RIVER AT RINDGE PUMP SAN JOAQUIN RIVER AT SAN ANDREAS LANDING SAN JOAQUIN RIVER AT TWITCHELL ISLAND	B9 D 747.2 118.4 B9 D 804.7 134.0 B9 D 759.8 125.1 B9 D 806.3 135.6 B9 D 805.8 140.1	37 47 11 38 04 40 37 59 51 38 06 20 38 05 50	121 18 22 121 34 00 121 25 06 121 35 37 121 40 05	Sept. 1952 March 1971 Jan. 1965 March 1952 Feb. 1968	Continuous Biweekly Continuous Four-Day Monthly	319 354 384 393 400 415 330 363 387 322 357 401 332 365	420 423 420 423	291 291 291 291 291
SAN JOAQUIN RIVER NEAR VERNALIS SHERMAN LAKE NEAR ANTIOCH SNODGRASS SLOUGH AT SOUTHERN PACIFIC RR BRIDGE SNODGRASS SLOUGH AT TWIN CITIES ROAD BRIDGE SOUTH YUBA RIVER NEAR CISCO	B0 7020.00 B9 D 802.6 147.6 B9 D 819.1 130.1 B9 D 816.6 129.8 A6 4700.00	37 40 34 38 02 34 38 19 03 38 16 37 39 19 12	121 15 51 121 47 34 121 30 04 121 29 45 120 33 38	1951 Nov. 1968 Feb. 1968 Oct. 1967	Biweekly Bimonthly Monthly Monthly Special	317 353 384 327 361 387 336 369 389 335 368 389 313 352		287 291 290 290 285
SOUTH YUBA RIVER NEAR WASHINGTON SPANISH CREEK ABOVE BLACKHANK CREEK STEAMBOAT SLOUGH ABOVE CACHE SLOUGH STOCKTON DIVERTING CANAL AT STOCKTON STOCKTON SHIE CHANNEL AT SURNS CUTOPF	A6 4350.00 A5 4200.00 B9 D 811.0 139.3 B0 2580.00 B9 D 757.8 121.9	39 21 38 40 00 01 38 10 59 37 58 53 37 57 46	120 46 14 120 57 12 121 39 20 121 14 54 121 21 54	May 1958 May 1971 Feb. 1968 Aug. 1969 Sept. 1968	Special Special Special Continuoua Continuoua	313 352 312 352 334 367 317 353 413 322 356 385 401 416		285 285 290 287 291
STONY CREEK BELOW BLACK BUTTE DAM STONY CREEK NEAR FRUTO SUSAN RIVER NEAR LITCHFIELD SUSAN RIVER AT SUSANVILLE SUTTER BYPASS AT HIGHWAY 113 NEAR ROBBINS	A3 1110.00 A3 1250.00 G4 1590.01 G4 1600.00 A0 5911.01	39 49 00 39 40 15 40 22 45 40 25 05 38 57 15	122 20 10 122 31 05 120 23 35 120 40 15 121 40 30	Jan. 1958 Feb. 1960 Nov. 1968 April 1951 March 1971	Bimonthly Monthly Monthly Monthly Continuous	309 351 382 309 351 382 338 371 338 371 407		284 284 285 285
SYCAMORE SLOUGH NEAR LODI TAYLOR CREEK NEAR CAMP RICHARDSON (STATION T-4) THERMALITO AFTERBAY RISE TO FEATHER R NR OROVILLE THIRD CREEK NEAR MOUTH (STATION T-6) THOMES CREEK AT PASKENTA	B9 D 808.8 126.1 G7 3571.01 A0 5975.00 G7 3230.01 A3 2120.00	38 08 45 38 55 50 39 27 26 39 14 26 39 52 57	121 26 05 120 03 13 121 38 09 119 56 46 122 33 03	July 1968 Aug. 1971 Oct. 1958	Monthly Semiannually Continuous Special Monthly	333 365 342 373 391 398 342 373 391 310 351 382		290 287 284 285 284
THOMES CREEK AT RICHFIELD THREE MILE SLOUGH AT SACRAMENTO RIVER THREE MILE SLOUGH AT SAN JOAQUIN RIVER TROUT CREEK NEAR MOUTH (STATION T-9) TROUT CREEK NEAR TAHDE VALLEY	A0 3220.01 B9 D 806.4 142.0 B9 D 805.2 141.1 G7 3810.01 G7 3100.00	39 58 45 38 06 22 38 05 13 38 55 55 38 55 12	122 10 35 121 42 02 121 41 07 119 58 40 119 58 17	Jan. 1959 1931 1955 Aug. 1971 May 1971	Special Four-Day Four-Day Special Special	301 348 332 365 342 374 391 342 373	420 423 420 423	284 291 291 285 287
TRUCKEE RIVER AT FARAD TRUCKEE RIVER AT TAHOE CITY UPPER TRUCKEE RIVER NEAR MEYERS UPPER TRUCKEE RIVER NEAR MOUTH (STATION T-1) WARD CREEK NEAR MOUTH (STATION T-5)	G7 1195.00 G7 1665.00 G7 3750.00 G7 3705.01 G7 3050.01	39 25 13 39 09 59 38 50 37 38 55 24 39 07 57	120 01 51 120 08 37 120 01 23 119 59 28 120 09 24	April 1951 May 1971 Oct. 1967 July 1968 Aug. 1971	Semiannually Special Special Semiannually Special	341 373 341 373 342 373 342 374 391 341 373 391		285 285 287 285 285
WEST WALKER RIVER BELOW LITTLE WALKER RIVER WHISKY SLOUGH AT HOLT WHITE SLOUGH NEAR LODI WHITE SLOUGH AT RIO BLANCO TRACT NEAR LODI YUBA RIVER AT ENGLEBRIGHT DAM	G9 2460.00 B9 D 756.1 125 8 B9 D 805.2 126.0 B9 D 805.2 124.1 A6 1430.00	38 22 48 37 56 07 38 05 07 38 05 14 39 14 04	119 27 00 121 25 49 121 26 03 121 24 07 121 16 00	Aug. 1958 Feb. 1968	Semiannually Monthly Monthly Monthly Special	343 374 322 355 385 332 365 388 331 364 388 313 352		289 291 291 291 285
YUBA RIVER AT MARYSVILLE YUBA RIVER NEAR MARYSVILLE	A0 6120.00 A0 6150.00	39 08 32 39 10 35	121 34 30 121 31 25	April 1951 Oct. 1967	Continuous Special	305 349 381 399 408 306 381		284 284

TABLE D-2

MINERAL ANALYSES OF SURFACE WATER

Lab and Sampler Agency Codes

5000 -	U.	S.	Geological	Survey
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5001 - U. S. Bureau of Reclamation

5006 - McClellan Air Force Base Laboratory

5050 - Department of Water Resources

5212 - City of Yuba City

5213 - City of Marysville

5401 - Cordua Water District

5402 - Linda County Water District

5403 - Reclamation District 784 5405 - City of Wheatland

Abbreviations

TIME - Pacific Standard Time on a 24-hour clock

G.H. - Instantaneous gage height in feet above an established datum

Q - Instantaneous discharge measured in cubic feet per second

DEPTH - Depth at which sample was collected

DO - Dissolved oxygen content in milligrams per liter

SAT - Percent of normal dissolved oxygen saturation

TEMP - Water temperature in degrees Fahrenheit (F) and Celsius (C)

PH - Measure of acidity or alkalinity of water

EC - Electrical conductance in micromhos at 25° C

TDS - Gravimetric determination of total dissolved solids at 180° C

SUM - Total dissolved solids by summation of analyzed constituents

TH - Total hardness

NCH - Noncarbonate hardness - any excess of total hardness over total alkalinity

TURB - Jackson Turbidity Units measured with a Hellege Turbidmeter (E) or a Hach Nephelometer (A)

SAR - Sodium adsorption ratio

PERCENT REACTANCE VALUE is determined by dividing the sum of the cations or anions in milliequivalents per liter into each constituent in milliequivalents per liter arriving at a percentage. For a partial analysis, an approximate value is determined by multiplying the electrical conductance by 0.01 and using that as the cation or anion sum

Mineral Constituents

В	-	Boron	K	-	Potassium
CA	-	Calcium	MG	-	Magnesium
CL	-	Chloride	NA	-	Sodium
CO3	-	Carbonate	NO3	-	Nitrate
\mathbf{F}	_	Fluoride	SIO2	-	Silica
HCO3	-	Bicarbonate	S04	-	Sulfate

DATE Time	SAMPLER LAB	G.H. O DEPTH	DO	TEMP	F1EI LAROR PH	LD ATORY EC					IN M	ILLIGRA ILLIEO ERCENT	REACTA	ITS PE	R LITE ALUE	ER Ø	.1GRAM F 5102	S PER (LITER TH NCM	TURB SAR
• • • •	• • • • •		• • •		• • •			MG • • •		• •	• • •	HC03				• • • •	• •	• • •		• • •
06/08/71		2100.		5 64 F		NTO RIN	/ER AT	SACRAN	ENTO											
0910	2020	30600		18 C		120														
	A 0	2112.	00	5	ACRAME	NTO R11	ER AT	ELKHOR	RN FER	RY										
10/07/70 1045	5050 5050		9.8 99	60.8F 16.0C		121 114														SOE
10/20/70 1150	5050 5050		10.3	58 F 14 C	7.3	115 118											 			10E
11/05/70 1125	5050 5050	2	10.5 101	56.7F 13.7C	7.3	124 117														15E
11/17/70 1415	5050 5050		11.6 106	53.0F 11.7C	7.4	116 116														20E
12/09/70 1120	5050 5050	0.5	10.0 89	51.0F 10.5C	7.3	123 112														80E
12/21/70 0950	5050 5050		11.4 95	46 F 8 C	7.5	150 150														70E
01/06/71 1155	5050 5050	0.5	12.2 99	44.0F 6.7C	7.3	162 143														40E
02/18/71 0815	5050 5050	9.46	9.8 87	50.0F 10.0C	7.2	150 147														25E
03/17/71 0915	5050 5050	•	11.8 102	48.5F 9.2C	7.4	110 109											,			30E
04/21/71 1015	5050 5050		10.9 100	53.0F 11.7C	7.3	100 99														25E
05/19/71 1230	5050 5050		10.2	59.0F 15.0C	7.4	115 131		·												45E
06/16/71 1400	5050 5050		8.9 106	76 F 24 C	7.5	64 131														30E
07/21/71 1300	5050 5050		8.6 99 .	73 F 23 C	7.3	110 325											==			25E
08/18/71 1245	5050 5050		8.9 98	69 F 21 C	7.4	105 108						•-								24E
09/15/71 1230	5050 5050		9.3 98	65 F 18 C	7.5	125 138														25E
10/06/70		2170. 6.80		63.5F		NTO RIV 141	ER AT	FREMON	8.2	R WES	T END	74	7.6	4.4	.0	.10		78	58	20
1230	5050	1	101	17.5C	7.9	145	.55 35	.61 39	.36 23	.03	.00	1.21	.16	.12	.00			76	3	0.5
11/04/70		7.06	10.2	56.5F 13.6C	7.5	151										.00		97	58	80E
11/04/70	5050 5050	7.06	98	13.60	7.5	151	.60 38	6.8 .56 35	.40 25	1.3	.00	72 1.18 80	7.2 .15 10	5.1	.01	.00		78 78	38	0.5 450E
12/02/70 0900 01/05/71	5050 5050 5050	4.18 6.58	10.1	49 F 9 C		103 101	8.9 .44 43	3.9 .32 31	5.1 .22 22 7.5	1.4	.00	.67 71	6.2 .13 14	3.4 .10 11	2.8	.10		52	57	0.4 35E
1320	5050		97	6.4C	7.8	150	•60 40	•54 36	.33	.03	•00	81	.14	.12 8	1			75	4	0.4 20E
02/18/71	5050 5050	2.48	10.6	50.0F 10.0C	79.0	160	.65 42	6.4 .53 34	7.8 .34 22	.03	.00	73 1.20 82	7.2 .15 10	3.4	1.1	.00		100 76 86	59 1 58	0.4 270E
03/17/71 1030	5050 5050		11.3		7.7	145	.65 .44	6.2 .51 34	20	.03	.00	65 1.07 78	7.6 .16 12	4.5	.01	.00		72	5	0.4
04/21/71 1115	5050 5050		97	54.0F 12.2C	7.9	140	.55 38	7.2 .59 40	20	.03	.00	70 1.15 85	4.3 .09 7	3.8	.5 .01 1	.00		98 69	57	65E 0.4 30E
05/19/71	5050 5050		10.6	57.0F 13.9C	7.8	110	.50 38	5.8 .48 .37	6.6 .29 22	1.0	.00	65 1.07 85	4.9 .10 8	3.0 .08 6	.5 .01 1	.00		77 64 97	49 5	30E 0.4
06/16/71 1230	5050 5050	0.92	8.5	75 F 24 C		132 134	.55 41	5.6 .46 34	6.8 .30 22	.03	.00	66 1.08 82	6.7 .14 11	3.2 .09 7	.7 .01	.00		68	4	0.4

								NERAL	ANALYSE	S OF	SURF								_		
DATE TIME	SAMPLER LAB	G.H. Q DEPTH	SAT	TE		FIEL LABORA PH		MINE	RAL COM	ISTITU	ENTS	IN I	HILLIGR. HILLIED PERCENT	JIVALE	NTS PE	R LIT	ER B	LIGRAMS F	PER L	.ITER TH	TURB
							• • •	CA .	MG	.NA	K **		HC03		CL	NO3		5102	5UM	NCH	SAR .
	A O	2170.	.00		5A	CRAMEN	TO RI	VER AT	FREMON	IT WEI	R WES	T EN)	1	CONTIN	UED					
07/21/71 1030	5050 5050	8.13	8.1 91	70.9 21.4		7.4 8.0	141 145	11 •55 37	6.7 •55 37	8.3 .36 24	.03 1.0	.00	70 1.15 79	8.4 .17 12	4.3 .12 8	.01 1	•00		117 75	55 3	30E 0.5
08/18/71 1330	5050 5050	0.00	8.7 96		F C	7.5 7.7	172 177	14 •70 36	7.5 .62 32	13 •57 30	.03 1.1	.00	86 1.41 75	13 .27 14	7.0 .20 11	.4 .01 1	•00		126 98	66 5	45E 0.7
09/15/71 0900	5050 5050	1.40	8.3 90	67 19	F C	7.6 7.5	185 182	13 •65 35	7.7 .63 34	13 •57 30	1.0	.00	87 1.43 78	12 .25 14	5.4 .15	.5 .01	.10		93 95	64 8	25E 0.7
	Α0	2195.	01		5A(CRAMEN	TO RIV	/ER BEL	OW KNI			NG		•		-					
10/14/70 1400	5050 5050	6.95 7950	10.2 103	61 16	F C	7.4. 7.6	141	10 •50 34	7.0 .58 39	8.4 .37 25	1.0	.00	69 1.13 82	5.8 .12	4.1 .12	.00	•00	==	97 70	54 3	45E 0.5
11/19/70 1330	5050 5050	13200	10.6 98	53.6 12.0	SF OC	7.3 7.8	135			6.9 .30 22		.00	59 •97 72		4.3 .12		.10	==		54	35E
03/24/71 1445	5050 5050	2.14 10700	10.2 94			7.5 7.9	190			12 •52 27		.00	86 1.41 74		8.8 .25		•50			71	30E
05/25/71 1600	5050 5050	1.51 14700	10.6 108	61.7		7.3 7.8	160	.60 38	6.2 .51 32	10 •44 28	.9 .02	.00	75 1.23 75	12 •25 15	5.1	.8 .01	.00		105 84	56 6	7E 0.6
06/10/71 1630	5050 5050	1.86 13200	10.0 105		F C	7.3 7.3	147		••	7.0 .30 20		.00	69 1.13 77		3.8 •11 7		.00	==		55	45E
07/15/71 1650	5050 5050	8.19 9530	9.5 106			7.4 7.5	146			8.3 .36 25		.00	66 1.08 74		4.8 .14 10		.10			54	40E
08/11/71 1510	5050 5050	8.91 9920	9.4 107			7.3 7.7	176			12 •52 30		.00	82 1.34 76		7.7 .22		•20	==		62	25E
09/28/71 1500	5050 5050		10.2	59.9 15.5		7.4 7.8	142			8.7 .38 27		.00	71 1.16 82		4.3 .12 8		.10	::		56	30E
	AO	2230.	02		SAC	CRAMEN	TO RIV	ER A80	VE COL		ASIN	DRAIN			_						
10/14/70 1145	5050 5050	8.70		61	F	7.4 7.4	135	10 •50 36	6.3 .52 37	7.8 .34 24	1.1		65 1.07 79	4.8 .10 7	3.8 .11 8	.3	.00	==	81	51	90E 0.5
11/19/70 1150	5050 5050	2.66 13200	10.9 101	53.6 12.0		7.6 7.8	136			6.9		.00	60 •98		5.9 .17		·10	::		52	25E
12/17/70 1215	5050 5050	5.82 25300	11.2 97	48.2 9.0	F	7.4 7.9	156			8.2 .36 23		.00	72 1.18 76		5.8 .16		.10	==		61	80E
01/19/71 1515	5050 5050	6.10 27100	11.3 96	47.0 8.3		7.1 7.6	106			4.6 .20		.00	51 •84 79		3.6 .10		.10			47	380E
02/23/71 1500	5050 5050	2.78 24700	11.1 97			7.3 8.0	168			8.7 .38 23		.00	84 1.38 82		6.1 .17 10		.10	==		50	30E
03/24/71 1210	5050 5050	3.47 10500	10.3 98			7.3 7.7	157			7.4 .32 20		.00	78 1.28 82		5.1		.10			64	35€
04/20/71 1615	5050 5050	5.73 13500	10.7	54 12			133			5.1 .22 17		.00	68 1.11 83		3.3 .09 7		•20			55	30E
05/25/71 1345	5050 5050	4.28 13900	10.7 109	61.7 16.5			134	11 •55 42	5.4 .44 34	6.6 •29 22	.8 .02 2	.00	68 1.11 84	7.1 .15	1.6	.6 .01	•00		86 67	50 6	10E 0.4
06/10/71 1410	5050 5050	3.90 13200				7.3 7.4	138			6.8		.00	69 1.13 82		2.8		•00	- -		55	30E
07/15/71 1405	5050 5050	0.24 9520	9.7 108			7.2 7.6	132			7.0 .30 23		.00	69 1.13 86		4.5 .13 10		•10	==		52	25E
08/11/71 1235	5050 5050	0.71 9590		72 22		7.2 7.8	138			7.8 .34 25		.00	70 1.15 83		5.0 .14 10		•10			53	30E
09/28/71 1245	5050 5050	1.70 10900	10.5 108	63 17			136			7.8 .34 25		.00	67 1.10 81		2.9 .08 6		.00			48	10E
	Α0	2420.	00		SAC	RAMENT	TO RIV	ER AT	COLUSA												
10/14/70 0850	5050 5050	2.50 7170	10.5 104			7.3 7.5	124			6.0 .26 21		.00	65 1.07 86		3.5 .10 8		.10			53	6E
11/19/70 0930	5050 5050	8.03 14200	10.9 99	51.8 11.0		7.1 7.9	130			6.8 .30 23		.00	56 •92 71		4.6 •13 10		•10	==		50	25E
12/17/70 1030	5050 5050	1.31 32600	11.2 97			7.3 7.5	139			7.3 .32 23	••	.00	67 1.10 79		4.6 •13 9		•10			57	95E

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEMP	F I EL L ABORA PH		MINER	AL CON	157 [T U	ENTS	IN W	ILLIGRA ILLIEQU ERCENT	JIVALEN	TS PE	RLITE		LIGRAM5	PER L	ITER TH	TURB
							CA *	MG .	NA .	, K	C03	HC03	504	CL .	NO3		5100	SUM * * *	NCH	SAR
	A0	2420.	00	SA	CRAMEN	TO RIV	ER AT	COLUSA					С	ONTIN	UED					
01/19/71 1020	5050 5050	4.09 38700	11.4 99	49.0F 9.4C	7.1 7.8	115			4.6 .20 17		.00	59 •97 84		2.7 .08 7		.10			51	500E
02/23/71 1025	5050 5050	7.12 12100	11.2 96	48 F 9 C	7.3 7.7	150			7.0 .30 20		.00	75 1.23 82		4.8 .14 9		.00	==		60	25E
03/24/71 0925	5050 5050	6.06 10900	10.5 98	54 F 12 C	7.3 7.7	153			6.3 .27 18		.00	75 1.23 80		4.9 .14 9		.10			62	20€
04/20/71 0940	5050 5050	9.67 15600	10.5 96	53 F 12 C	7.3 7.6	133	10 •50 37	7.0 .58 43	5.5 .24 18	1.0	.00	66 1.08 89	2.6 .05 4	2.8 .08 7	.01	•00	·==	90 62	54 0	40E 0.3
05/25/71 0950	5050 5050	8.77 15100	11.0 109	59 F 15 C	7.2 8.1	123			5.8 .25 20		.00	61 1.00 81		2.3 .06 5		.00			48	8E
06/10/71 0915	5050 5050	8.23 14300	10.8 109	61 F 16 C	7.3 7.3	122			5.8 .25 20		.00	67 1.10 90		2.8 .08 7		•00			52	15E
07/15/71 1010	5050 5050	5.48 10700	10.0 105	64 F 18 C	7.4 7.4	119			5.5 .24 20		.00	59 •97 82		2.4 .07 6		•00	==		52	8E
08/11/71 0900	5050 5050	5.39 10500	10.0 107	66 F 19 C	7.2 7.8	122			6.0 .26 21		.00	64 1.05 86		2.8 .08 7		.10			48	20E
09/28/71 0945	5050 5050	5.55 10500	10.2	59 F 15 C	7.4 7.8	122	8.8 •44 37	5.4 .44 37	6.4 .28 24	1.0 .03 3	.00	65 1.07 90	.00	3.8 -11 9	.01	.10	==	96 58	10	7E 0.4
	A0	2500.	00	5 <i>A</i>	CRAMEN	TO RIV	ER AT	BUTTE	CITY											
11/18/70 1115	5050 5050	3.89 13600	· 10.8 98	51.8F 11.0C	7.3 7.8	129			6.9 .30 23		.00	56 •92 71		4.1 •12 9		.10			50	25E
01/19/71 0845	5050 5050	7.10 62200	11.2 98	49.0F 9.4C	7.1 7.7	122			5.3 .23 19		.00	62 1.02 84		3.4 .10 8		.00	==		54	420E
03/24/71 0800	5050 5050	3.58 12200	10.4 95	53 F 12 C	7.0 7.0	145	13 •65 45	6.0 .49 34	6.4 .28 19	1.0 .03 2	.00	67 1.10 79	7.2 .15 11	4.5 .13 9	1.0 .02 1	•00		85 72	57 2	95E 0.4
05/25/71 0840	5050 5050	3.95 14900	11.0 110	60 F 16 C	7.1 8.0	122			3.8 .17 14		.00	64 1.05 86		1.8 .05 4		•00	==		46	7E
07/15/71 0850	5050 5050	2.49 11000	10.0 105	64 F 18 C	7.4 7.5	120			6.0 .26 22		.00	.97 81		1.9 .05 4		•00	==		48	8E
09/28/71 0755	5050 5050	2.36 10800	10.5 101	57 F 14 C	7.0 7.7		8.8	5.4 .44 37	6.6 .29 24	1.1 .03 3	.00	64 1.05 92	.00	3.0 .08 7	.01	.10		86 57	9	7E 0.4
11 (10 (70	A0	2630.				TO RIV	ER AT	HAMILT	ON CI 6.9	TY	.0	57		3.8		.10			50	20E
11/18/70 1200	5050 5050	13100	10.7	51.8F 11.0C	7.8	129			.30 23		.00	.93 72 69		.11		.10			53	20E
01/14/71 1355	5050	15800	101	43.7F 6.5C	7.6	137			6.5 .28 20	•8	•00	1.13	5.1	.11 8	.6	.10		92	5 5	45E
03/17/71 1245 05/18/71	5050	11300	100	50 F 10 C	7.1	138	.65 46	5.5 .45 32	6.6 .29 21	.02	.00	1.15 82 66	.11	10	.01	.00		71	3	0.4 7E
07/08/71	5050	18200		11.5C		116			.25 22		.00	1.08 93		.07		•00			45	8E
09/23/71	5050	11300	115	16 C	7.5	113	8.6	4.5	18	1.0	.00	·89 79 63	.0	.07	•2	.10		85	40	6E
1300	5050 A0	10300	107	14.5C	7.7	118	.43 39	.37 33 BEND 6	.28 25	.03	.00	1.03	.00	.07	•00			54	12	0.4
11/12/70	5050			51.8F	7.1	•			6.2		•0	59		5.2		.00			48	15E
1530	5050	9100	95	11.0C	7.6	127	10	5.1	.27 21 6.0	1.0	.00	.97 76 61	5.6	.15 12 2.6	.04	.10		89	46	30E
1230	5050	14200	98	6.5C	7.9	127	.50 41	35 	.26 21 5.7	.03	.00	1.00 83 63	.12 10	.07 6	.01	.10		61	49	0.4 8E
0900	5050 5050	7600	97	8 C	7.7	121			.25 21 5.4		•00	1.03 85 57		.09 7 2.6	.00	.10			44	3٤
0750 07/14/71	5050 5050	15800	102	10 C	7.1	114			.23 20 5.1		.00	.93 82 55		.07 6	•2	.10			38	6E
0730	5050	13500	100	11 C	r.3	109			20		•00	.90 83		11	.00					

DATE TIME	SAMPLER LAB	Q	DO SAT	TEM	LABO	ELD RATORY			NSTITU		IN M	ILL1GR		NTS PE	R LITE	ER	LIGRAM F			TUDO
		DEPTH			РН	EC	CA	MG * * *	NA • • •		C03	HC03	REACT 504	CL	NO3		5102	TDS SUM	TH NCH	TURB SAR
	AO	2785.	00		SACRAM	ENTO R	VER AT	BEND	BRIDGE					CONTIN	IUED					
09/27/71 0710	5050 5050	0.71 11300	9.9 89		F 7.2 C 7.0	117	9.4 .47 41	4.7 .39 34	6.3 .27 23	1.0 .03 3	.00	61 1.00 93	.00	2.0 .06 6	.6 .01 1	•00		94 54	43 7	4E 0.4
	A0	2925.			SACRAM	ENTO SI	DUGH A	T SACR		RIVE				144		20			200	
10/14/70 1115	5050 5050	269	10.6	17	F 7.8 C 8.1	1030			98 4.26 41		.00	332 5.44 53		166 4.68 45		.20			320	45E
11/19/70 1130	5050 5050	642	10.5 97	53.6 12.0		1450			148 6.44 44		.00	420 6.88 47		271 7.64 53		•30			454	60E
02/23/71 1200	5050 5050	8.10 944	10.7 96		F 7.8 C 8.1	432			33 1.44 33		.00	190 3.11 72		1.13 26		.10			161	55E
03/24/71 1140	5050 5050	1.16 786	9.3 91		F 7.5 C 8.0	302	**		.96 32		.00	120 1.97 65		31 .87 29		.10			105	90E
04/20/71 1400	5050 5050	1600	8.9 90		F 7.6 C 7.9	359		••	25 1.09 30		.00	132 2.16 60		43 1.21 34		•10			129	100E
05/25/71 1305	5050 5050	1630	8.4 78		F 7.3 C 7.8	344	23 1.15 33	15 1.23 36	24 1.04 30	1.1 .03 1	.00	144 2.36 68	17 •35 10	25 •71 21	1.8 .03 1	•10		195 178	119 1	49E 1.0
06/10/71 1320	5050 5050	0.55 1250	7.8 88		F 17.4 C 7.6	366			20 •87 24		.00	160 2.62 72		27 •76 21		•00			140	45E
07/15/71 1325	5050 5050	6.71 593	6.6 82		F 7.4 C 7.8	489			36 1.57 32		.00	211 3.46 71		39 1.10 22		.20			163	55E
08/11/71 1200	5050 5050	7.50 869	6.6 82		F 7.3 C 8.0	475			36 1.57 33		.00	218 3.57 75		39 1.10 23		•20	==		169	55E
09/28/71 1215	5050 5050	900	8.1 84	63.5 17.5		519	31 1.55 30	23 1.89 36	40 1.74 33	1.4	.00	217 3.56 68	.23 .4	52 1.47 28	.8 .01	•00		290 266	172 6	35E 1•3
	Α0	2933.	00		RD108 (DRAINAG						00	·	20						
10/14/70 1245	5050 5050	• 0	8•3 89		F 7.9 C 7.8	1250			182 7.92 63		.00	387 6•34 51		112 3.16 25		.80			331	140E
11/19/70 1255	5050 5050	• 0	6.5 61	55.4 13.0		789	32 1.60 19	32 2.63 31	96 4.18 49	1.4	.00	287 4.70 55	106 2.21 26	59 1.66 19	2.2	•40	:-	423 470	212 24	45E 2•9
12/17/70 1355	5050 5050	13	7.4 67	51.8 11.0	F 7.4 C 7.8	896			101 4.39 49		.00	296 4.85 54		70 1.97 22		•40			272	90E
01/19/71 1445	5050 5050	5.0	8.0 76	56.0 13.3		1280	45 2.25 17	53 4.36 33	150 6.53 50	1.5	.00	366 6.00 45	207 4.31 32	110 3.10 23	2.5	.70	==	738 750	330 31	230E 3.6
02/23/71 1405	5050 5050	6.0	11.2 103	53 12	F 8.4 C 8.6	1210			155 6.74 56		15 •50 4	365 5.98 49		116 3.27 27		•60			337	75E
03/24/71 1400	5050 5050	.0	5.9 58		F 7.9 C 8.0	900	36 1.80 20	37 3.04 33	100 4.35 47	1.4	.00	289 4•74 50	128 2.66 28	70 1.97 21	1.8	•40		566 517	241 5	80E 2.8
04/20/71 1520	5050 5050	• 0	10.2 102		F 8.2 C 8.5	670			70 3.05 46		5.0 .17 3	203 3.33 50				.40			216	95E
05/25/71 1440	5050 5050	10	7.5 84		F 7.5 C 7.7	562	25 1.25 22	22 1.81 32	59 2.57 45	1.5 .04	.00	174 2.85 50	81 1.69 30	38 1.07	3.6 .06	•20		340 316	153 11	4E 2•1
06/10/71 1530	5050 5050	• 0	5.8		7.5 7.6	642			60 2.61 41		.00	192 3.15 49				.30			172	100E
07/15/71 1545	5050 5050	5.0	6.7 85	82 28	F 7.3 C 8.0	601	27 1.35 22	24 1.97 33	61 2.65 44	2.2	.00	184 3.02 52	79 1.64 28	42 1.18 20	.7	•30		372 327	165 15	7E 2.1
08/11/71 1400	5050 5050	6.0	6.4 80		F 7.3 C 8.2	622			68 2.96 48		.00	225 3.69 59				•40			167	50E
09/28/71 1400	5050 5050	6.5	7.8 82		F 7.9 C 7.7	964	36 1.80 18	36 2.96 30	119 5.18 52	1.7	.00	330 5.41 53	135 2.81 27		2.5	•50		585 565	240 33	65E 3•4
	Α0	2947.	1.0		COLUSA	BA51N				LAND	ING	30	2.							
10/14/70 1320	5050 5050		13.3	68	F 8.3 C 8.3		30 1.50 24	24 1.97 32	60 2.61 42	2.8 .07	• 0	221 3.62 59	71 1.48 24	34 •96 16	2.6 .04 1	•20		338 333	173 8	130E 2.0
11/19/70 1220	5050 5050	2.31	10.9 103		F 8.0 C 8.2	697	32 1.60 22	27 2•22 30	78 3.39 47	3.1 .08 1	.00	245 4.02 54	106 2.21 30	42 1.18 16	3.1 .05	.30		408 412	191 10	80E 2.5
12/17/70 1315	5050 5050		11.2 97	48.2 9.0		853	39 1.95 22	32 2.63 29	100 4.35 48	3.3 .08	.00	260 4.26 47	156 3.25 36	56 1.58 17	3.8 .06 1	.30		515 518	229 16	70E 2.9

DATE TIME	LAB	G.H. Q DEPTH	DO	TEMP	FIE LABOR	ELD RATORY EC		RAL CO			IN M	ILLIEO: ERCENT	UIVALE REACT	ANCE V	R LITE	ER B	LIGRAMS	TDS	TH	TURB
							CA	MG MG	NA *	* *	C03	HC03	504	CF.	N03	• • •	\$102	SUM	NCH	SAR
	AO	2947.	10		OLUSA	8ASIN	DRAIN	NEAR K	NIGHTS	LAND	DING			CONTIN						
01/19/71 1330	5050 5050	7.99	9.3 83	51.0F 10.5C	7.4	534	1.20 24	16 1.32 27	53 2.31 47	3.1 .08 2	.00	139 2.28 45	88 1.83 36	.96 19	3.2 .05 1	.30		320 290	128	1000E 2.1
02/23/71 1325	5050 5050	3.27 278	13.4 121	52 F 11 C	8.4	1240	52 2.59 20	3.62 28	158 6.87 52	2.4	.50 4	310 5.08 38	239 4.98 37	96 2.71 20	2.2	.30		724 761	313 32	45E 3.9
03/24/71 1300	5050 5050	4.56 165	10.4 104	60 F 16 C	8.3 8.3	1300	47 2.35 18	3.62 27	165 7.18 54	2.7 .07	.00	315 5.16 38	242 5.04 37	115 3.24 24	2.8 .05	.50	**	805 774	300 41	120E 4.2
04/20/71 1500	5050 5050	• 0	9.7 99	62 F 17 C	8.3 8.2	502	30 1.50 30	19 1.56 31	1.91 38	1.9 .05 1	.00	179 2.93 56	62 1.29 25	34 •96 18	2.4 .04 1	•50		296 282	154 7	70€ 1.5
05/25/71 1530	5050 5050	4.95 793	8.5 96	70.7F 21.5C	7.8 7.8	576	27 1.35 24	16 1.32 24	2.87 51	1.8 .05	.00	191 3•13 53	86 1.79 30	32 •90 15	2.8	.30		334 326	151 23	65E 2.5
06/10/71 1440	5050 5050	4.32	12.7 158	81 F 27 C	8.4 8.5	589	27 1.35 23	21 1.73 29	2.87 48	1.5 .04 1	2.0 .07	190 3.11 53	81 1.69 29	33 •93 16	3.3 .05	.40		349 329	154 5	96E 2.3
07/15/71 1445	5050 5050	4.51	15.7 205	86 F 30 C	8.4 8.2	661	32 1.60 24	25 2.06 31	69 3.00 45	.03	.00	238 3.90 57	88 1.83 27	38 1.07 16	.00	.40		392 371	182	30E
08/11/71 1320	5050 5050	4.51 327	7.3 92	82 F 28 C	7.7 8.8	543	31 1.55 27	21 1.73 31	54 2.35 42	.8	17 •57 10	183 3.00 53	59 1.23 22	28 •79 14	2.1 .03 1	•40		312 303	164 15	70E 1.8
09/28/71 1330	5050 5050	4.53 283	9.8 105	66 F 19 C	7.9 7.7	529	29 1.45 28	20 1.64 31	48 2.09 40	1.9 .05	.00	206 3.38 62	57 1.19 22	.82 15	1.7 .03 1	•20		307 288	156 15	50€ 1.7
	AO	2950.	00	R	787	DRAINA	GE TO	COLUSA	8A5IN	DRAI	IN									
10/14/70 1340	5050 5050	9.50	. 8.1 86	65 F 18 C	7.8 8.3	758			92 4.00 53		.00	400 6.56 87		29 .82 11		1.80			240	25€
11/19/70 1205	5050 5050	9.10	8.8 83	55.4F 13.0C	8.0 8.3	598	27 1.35 20	27 2,22 34	69 3.00 45	1.8 .05 1	.00	288 4.72 72	57 1.19 18	.62 9	1.9	•90		336 348	178 58	30E
12/17/70 1255	5050 5050	9.60	9.0 80	50.0F 10.0C	7.5 7.8	707			2.35 33		.00	317 5.20 74		34 •96 14		.80			261	25E
01/19/71 1355	5050 5050	9.60	8.6 79	53.0F 11.7C	7.4	527	25 1.25 23	25 2.06 37	2.13 39	2.5 .06 1	.00	251 4-11 75	.87 16	18 •51 9	.01	.70		298 286	165 40	280€ 1.7
02/23/71 1455	5050 5050	9.45 .0	11.5 108	55 F 13 C	8.2 8.5	782			3.74 48		.33 4	352 5.77 74		36 1.02 13		1.20			251	30E
03/24/71 1245	5050 5050	0.66	9.6 98	62 F 17 C	8.1 8.3	812	36 1.80 20	38 3.13 35	92 4.00 44	2.2 .06 1	.00	383 6.28 72	77 1.60 18	32 •90 10	.00	1.50		506 467	248 68	50€ 2.6
04/20/71 1445	5050 5050	1.50	9.7 99	62 F 17 C	8.1 8.4	899			94 4.09 45		6.0 .20 2	410 6.72 75		48 1.35 15		1.70			319	30E
05/25/71 1405	5050 5050	1.15	9.5 110	73 F 23 C	7.6 8.3	538	29 1.45 25	25 2.06 36	2.13 37	2.5 .06 1	.00	236 3.87 68	56 1.17 20	.65 11	.02	•50		316 302	175 18	5E 1.6
06/10/71 1440	5050 5050	0.50	6.4 73	72 F 22 C	7.4 7.5	509			37 1.61 32		.00	238 3.90 77		.59 12		•50			174	30E
07/15/71 1430	5050 5050	0.50	5.7 71	81 F 27 C		466	30 1.50 30	22 1.81 36	38 1.65 33	2.0 .05 1		240 3.93 78	28 .58 11	15 •42 8	.00	.60	==	262 258	166 38	5E 1.3
08/11/71 1300	5050 5050	0.50	5.7 69	77.9F 25.5C		466			37 1.61 35		.00	245 4.02 86		15 •42 9		•70			169	30E
09/28/71 1300	5050 5050	9.50	7.4 78	64 F 18 C	7.6 7.6	608	28 1.40 22	29 2.38 37		1.6 .04 1	.00	311 5.10 77	.94 14	.56 8	.00	.90		350 337	188 66	25E 1•9
	A 0	2955.			787	DRAI	NAGE TO	5ACRA		RIVER				_						
10/14/70 1220	5050 5050	• 0	5.0 55	68 F 20 C	7.4 8.0	795	••		62 2.70 34		.00	361 5.92 74		47 1.33 17		•90			329	25E
11/19/70 1240	5050 5050	8.70	9.7 92	55.4F 13.0C		586	39 1.95 30	33 2.71 42	42 1.83 28	.8		283 4.64 71	53 1.10 17	.76 12	.02	•50	••	309 336	232	70 1.2
12/17/70 1335	5050	8.55 61	9.0 81	51.8F 11.0C		670			45 1.96 29		.00	307 5.03 75		.93 .93 14		.50			273	35E
01/19/71 1420	5050 5050	8.40	77	57.0F 13.9C		750	2.20 28	39 3.21 41	2.44 31	1.3	.00	303 4.97 63	80 1.67 21	1.21	.02	.70		424	55	140E 1.5
02/23/71 1430	5050 5050			54 F 12 C		840			2.96 35		8.0 .27 3	364 5.97 71		48 1.35 16		.80			328	25E

							M)	NERAL	ANALYS	ES OF	SURF	ACE WA	ATER								
DATE TIME	5AMPLER LAB	G.H. Q DEPTH	DO SAT	TE	MP	FIE LABOR PH	LD ATORY EC	MINE	RAL CO	NSTITU	JENTS	IN P	ILLIGR ILLIEQ PERCENT	UIVALE	NTS PE	R LII			15 PER TOS	LITER	TURB
			• • •	• • •				CA	MG e e e	NA .	* * *	C03	HC03	504	CL	N03		5102	SUM * * *	NCH	SAR
	AO	2955	00		RO	787	ORAIN	AGE TO	5ACRA	MENTO	RIVER	₹			CONTI	IUED					
03/24/71 1330	5050 5050	0.90	8.1 81	60 16		7.3 7.5	329	1.10 31	18 1.48 42	.91 26	.02 1	.00	168 2.75 78	21 .44 13	.31 .9	.01	.20		177 177	129 9	80E 0.8
04/20/71 1550	5050 5050	1.88	8.0 80	60 16	F C	7.3 7.6	307			17 •74 24		.00	159 2•61 85		8.3 .23 7		.20	==		134	25E
05/25/71 1500	5050 5050	0.36 58	7.9 88	70 21 .		7.4 8.0	569	33 1.65 28	27 2.22 37	48 2.09 35	1.7 .04 1	.00	225 3.69 61	72 1.50 25	28 •79 13	3.0 .05	.40	::	336 324	196 9	12E 1.5
06/10/71 1555	5050 5050	0.55 .0	6.9 78	72 22	F C	7.3 7.5	550			35 1.52 28		.00	235 3.85 70		27 •76 14		.30			203	35E
07/15/71 1615	5050 5050	9.80	6.8 86	82 28	F C	7.1 8.0	564	35 1.75 29	30 2.47 41	40 1.74 29	1.0 .03 1	.00	241 3.95 67	57 1.19 20	28 •79 13	.00	•20	:-	336 310	210 14	11E 1.2
08/11/71 1430	5050 5050	9.20	6.8 86	82 28	F C	7.3 7.9	488			37 1.61 33		.00	235 3.85 79		26 •73 15		•50	==		190	50E
09/28/71 1430	5050 5050	9.10 .0	6.3 64	61 16	F C	7.8 7.7	711	2.10 27	39 3.21 42	54 2.35 31	1.1	.00	343 5.62 72	60 1.25 16	34 •96 12	.00	1.00	==	410 400	265 16	30E 1.4
	AO	2965.	00		RO	70 DR	AINAGE	TO 5A	CRAMEN	TO RIV	/ER										
10/14/70 1030	5050 5050	.0	5.3 59	69 21		7.4 7.8	872			82 3.57 41		.00	369 6.05 69		89 2.51 29		•30	Ξ		305	45E
11/19/70 1030	5050 5050	•0	10.5 97	53. 12.		7.0 8.1	271	19 •95 26	23 1.89 52	18 •78 21	.9 .02 1	.00	114 1.87 68	13 .27 10	20 •56 21	1.6 .03 1	-10		159 152	104 49	30E 0.7
12/17/70 1120	5050 5050	31	9.0 78	48. 9.	2F 0C	7.9 7.8	907			73 3.18 35		.00	354 5.80 64		100 2.82 31		•20	::		335	45E
01/19/71 1130	5050 5050	3.85 67	8.5 80	55. 12.		7.8	976	57 2.84 29	50 4.11 41	68 2.96 30	.02	.00	362 5.93 59	.87 .9	114 3.21 32	3.9 .06 1	•20	==	477 514	348 51	80E 1.6
02/23/71 1115	5050 5050	7.55 .0	10.6 91	48 9	F C	8.2 8.5	702			45 1.96 28		6.0 .20 3	236 3.87 55	••	98 2.76 39		•10			273	25E
03/24/71 1010	5050 5050	78	9.0 90	60 16	F C	8.0 8.3	710	45 2.25 31	34 2.80 38	52 2.26 31	1.2	.00	245 4.02 56	30 .62 9	89 2.51 35	1.3	-10		428 373	251 52	105E 1.4
04/20/71 1050	5050 5050	20	8.2 80	58 14	F C	7.9 8.2	739			53 2.31 31		.00	256 4.20 57		98 2.76 37		.20			271	60E
05/25/71 1230	5050 5050	3.55 17	7.7 87	70. 21.		7.5 8.0	626	33 1.65 27	28 2.30 37	2.22 36	.03	.00	226 3.70 59	.58 .9	2.00 32	2.2 .04 1	.10		286 326	200 13	10E 1.6
06/10/71 1120	5050 5050	3.91 17	7.9 90	72 22	F C	7.7 8.0	555			39 1.70 31		.00	222 3.64 66		52 1.47 26		.10			180	45E
07/15/71 1140	5050 5050	3.60 17	7.9 98			7.7 8.3	462	27 1.35 28	20 1.64 34	1.74 37	1.2 .03 1	.00	201 3.29 71	.35 8	36 1.02 22	.00	.10		268 240	150 15	2E 1.4
08/11/71 1000	5050 5050	4.60 17	6.8 84	81 27		7.3 8.3	546			2.13 39		.00	210 3.44 63		·65 1.83 34		•20			169	30€
09/28/71 1100	5050 5050	2.98	7.6 79			7.9 7.7	822	46 2.30 27	3.29 39	67 2.91 34	.02	.00	345 5.65 65	.62 .7	86 2.43 28	.00	•20		462 440	279 3	40E 1.7
	AO	2967.	00		80	TTE SI	LOUGH	AT OUT	FALL G	ATES											
10/14/70 1000	5050 5050	553	6.6 67	62 17	F C	7.0 8.0	196			.48 24		.00	106 1.74 89		7.6 .21 11		.10			79	35E
11/19/70 1000	5050 5050	9.88 ₀ .	9.0 83			7.0 7.8	180	.70 36	9•2 •76 39	10 •44 23	1.6 .04 2	.00	93 1.52 80	8.7 .18 10	5.9 .17 9	1.0	.10		127 96	73 3	20E 0.5
12/17/70 1050	5050 5050	9.87	7.5 65	48. 9.		6.8 7.3	153			8.8 .38 25		.00	72 1.18 77		4.1 .12 8		.00	==		58	80E
01/19/71 1045	5050 5050	•0	10.7 97	52. 11.		7.1	204	14 •70 34	8.8 .72 35	13 .57 28	1.5 .04 2	.00	102 1.67 79	7.1 .15 7	10 •28 13	1.1	.10		127 106	71 13	120E 0.7
	A 0	2972.	00		BU	TTE SI	LOUGH	NEAR M	ERIDIA	N											
02/23/71 1050	5050 5050	3.96 594	10.9 94			7.3 7.9	237			13 •57 24		.00	129 2.11 89		9.2 .26 11		.10			99	35E
03/24/71 0950	5050 5050	2.62 388	8.8 85	57 14		7.1 7.1	178	.70 40	8.0 .66 37	8.9 .39 22	.02 1	.00	81 1.33 80	4.8 .10 6	8.0 .23 14	.00	.00	==	95 85	68 2	105E 0.5
04/20/71 1030	5050 5050	5.27 908	9.0 88	58 14		7.1 7.5	140			5.5 .24 17		.00	77 1.26 90		3.9 .11 8		.00			58	50€

DATE TIME	SAMPLER	G.H.	DO SAT	TE		TELD BORATORY	HIN	ERAL CO	ONSTITU	ENT5	IN H	ILLIEG	AMS PE	NTS PE	R LIT		L IGRAH		_	
		DEPTH			PI		CA	MG	NA .	К.		HC03	REACT 504	CL CL	N03		5102	TDS SUM	TH NCH	TURB SAR
	AO	2972.	00		BUTTE	5LOUGH	NEAR)	4ER1014	N.					CONTIN	UED					
05/25/71 1035	5050 5050	5.63 943	7.8 89	72 22	F 7.		16 •80 39	9.1 .75 36	11 •48 23	1.1 .03 1	.00	102 1.67 81	.31 .15	2.5 .07 3	1.3 .02 1	.00		124 106	77 6	4E 0.5
06/10/71 1015	5050 5050	4.90 737	6.6 75	72 22	F 7.				11 •48 21		.00	136 2.23 97		4.8 •14 6		.00			92	40E
07/]5/7] 1050	5050 5 0 50	2.11 243	6.3 80	82 28	F 7.		27 1.35 38	16 1.32 37	20 .87 24	.02 1	.00	186 3.05 86	.25 .7	8.0 .23 6	.6 .01	.00		194 176	135 19	5E 0.8
08/11/71 0930	5050 5050	2.85 383	6.4 81	82 28	F 7.				.83 26		.00	192 3.15 98		6.7 .19 6		.10			130	30E
09/28/71 1025	5050 5050	2.26 344	8.7 91	64 18	F 7.		20 1.00 38	.99 38	13 •57 22	1.5 .04 2	.00	139 2.28 93	2.3 .05 2	4.4 •12 5	.00	.00		156 122	99 15	15E 0.6
	Α0	2976.				A BASIN														
10/14/70 0835	5050 5050	7.06 146	8.2	62 17	F 7.		33 1•65 25	26 2•14 32	2.78 42	2.6 .07 1	.00	235 3.85 58	82 1.71 26	37 1.04 16	.03	.20		362 362	188	100E 2.0
11/19/70 0910	5050 5050	8.13 152	9.6 85	50.0 10.0	OC 8.	0 748	37 1.85 23	31 2•55 31	3.65 45	2.9 .07 1	.00	273 4.47 54	125 2.60 31	42 1.18 14	.04	.30		387 459	218	45E 2.5
12/17/70 1005	5050 5050	1.16 715	93	8.0	DC 8.	3 701	22	26 2.14 29	3.57 48	3.2 .08	.00	224 3.67 50	118 2.46 33	1.18 16	4.6 .07 1	.30		403 419	190	150E 2.6
01/19/71 0930	5050 5050	3.93 1250	9.0 85	12.6	BC .	593	24	20 1.64 28	63 2.74 47	2.9 .07 1	.00	189 3.10 53	91 1.89 32	28 .79 14	2.8 .05 1	.30		341 329	152	550E 2.2
02/23/71 0945	5050 5050	133	10.6 92	9	F 8.		53 2.64 19	3.78 27	172 7.48 54	.05	.33	331 5.43 38	275 5.73 40	92 2.59 18	4.8 .08 1	.20	==	780 818	322 33	60E 4.2
03/24/71 0840	5050 5050	8.80 296	8.2 82	60 16	F 7.		33 1.65 20	28 2.30 27	102 4.44 53	.06 1	.00	236 3.87 46	135 2.81 33	1.69 20	3.2 .05 1	.30		507 . 480	200	360E
04/20/71 0900	5050 5050	8.38 198	9.3 90	57 14	F 7.		25 1•25 25	19 1.56 31	2.13 43	1.8 .05 1	.00	158 2.59 50	83 1.73 34	28 •79 15	1.7 .03 1	•50		305 285	141	140E 1.8
05/25/71 0940	5050 5050	1.07 732	8.0 89	70 21	F 7.		27 1.35 24	20 1•64 29	2.61 46	1.3 .03 1	.00	185 3.03 54	82 1.71 31	.82 15	2.7 .04 1	•20		331 313	150	13E 2•1
06/10/71 0845	5050 5050	8.89 222	7.8 85	68 20	F 7.	9 774	31 1•55 21	28 2.30 31	81 3.52 48	.02	.00	202 3.31 44	128 2.66 36	51 1.44 19	2.7 .04 1	.40		430 422	193 27	70E 2.5
07/15/71 0940	5050 5050	380	7.1 86	77.9 25.9	5C 8.	0 511	28 1.40 24	23 1.89 32	2.57 44	.02	.00	213 3.49 61	70 1.46 26	.71 12	2.8 .05	.30		314	164	25E 2.0
08/11/71 0800	5050 5050	551	6.6 81	79 26	F 7.	3 508	1.45 27	1.64 31	50 2.18 41	.02	.00	220 3.61 66	1.15	.73 13	.02	.40		294	156 26	60E 1.7
09/28/71 0925	5050 5050	9.25 352	9.1 92	16	F 7.	2 504	27 1.35 26	36		1.6 .04 1	.00	198 3.25 63	57 1.19 23	.68 13	2.2 .04 1	•20	:-	301 276	161	4E 1.5
04/12/71						S CREEK				1.3	-0	92	12	1.2	.0	.00		110	84	90E
1545	505 0					8 9 182 ANK CRE	60	32	7	.03	.00	92 1.51 84	.25 14		.00			92	9	0.1
05/18/71 0745	5050 5050		10.0			0 4 509	52 2.59 46	2.30	17 •74 13		.13	265 4.34 78	.92 16	7.4 .21	.00	.00	==	294 283	246 21	1E 0.5
	A 0	3520.	50		COTTO	NW00D C	REEK AT	сотто	COOM											
10/07/70 1415	5050 5050	115	11.1 110	59.0 15.0)F 7.	4 5 146			6.1 .27 18			82 1.34 92		3.7 .10 7		.00			62	3E
11/12/70 1445	5050 5050	558	10.6	55.4 13.0	F 7.		29 1.45 46	13 1.07 34		1.1 .03 1		118 1.93 63	.56 18		2.8 .05 2	-10		164 163	126 30	5E 0.5
12/10/70 0945	5050 5050	2780	11.6 93	42.8 6.0	3F 7.	3 7 204			7.0 .30 15		.00	98 1.61 79		5.0 •14 7		.00			86	80E
01/13/71 1320	5050 5050	1130	13.3 101	39.2 4.0	2F 7.	5 248	1.20 49	.90 37	7.8 .34 14	.02	.00	117 1.92 77	.37 15	6.3 .18 7	.01	.00	==	143 126	106 9	40E 0.3
02/05/71 1415			11.8 104						7.2 .31 13			122 2.00 84		6.7 •19 8		.00	==		115	7E

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	00 5AT	TEMP	FIEI LABOR		MINE	RAL CON	STITU	ENTS K	IN M	ILLIGR ILLIEO ERCENT HCO3	UIVALE REACT	NTS PE ANCE V	R LITE ALUE	R B	LIGRAMS F SIO2	TDS SUM	LITER TH NCH	TURB SAR
												* * *		• • •						***
03/00/71	A0	3520.		49 F		OOD CR	EEK AT	COTTON	8.6		.0	130		CONTIN 7.9	UED	.10			118	2E
03/09/71 1030	5050 5050	498	12.8	9 C	8.2	252			.37 15		.00	2.13 85		•22						
04/18/71 1450	5050 5050	936	10.3	66 F 19 C		232			6.4 .28 12		.00	123 2.02 87		5.2 .15 6		.10			109	6 E
05/24/71 0920	5050 5050	480	10.0 107	66 F 19 C	7.4 8.0	214			7.0 .30 14		.00	109 1.79 84		5.0 •14 7		.00			96	2E
06/09/71 0910	5050 5050	418	9.6 105	68 F 20 C		212			7.5 .33 16		.00	113 1.85 87		5.3 .15 7		.00			99	SE
07/14/71 0920	5050 5050	148	9.8 115	75 F 24 C	7.4 7.6	249			7.6 .33 13		.00	131 2.15 86		6.7 •19 8		•00	: :		113	2E
08/10/71 0755	5050 5050	68	6.5 75	73 F 23 C		230			7.6 .33 14		.00	128 2.10 91		6.6 •19 8		.10			108	SE
09/27/71 0755	5050 5050	92	9.0 89	59 F 15 C		182			7.5 .33 18		.00	97 1.59 87		4.1 .12 7		.00	==		79	4E
	AO	3540.	00	С	OTTONWO	OOD CR	EEK BEI	LOW NOR		RK CO	TTONW		EEK							
11/12/70 1400	5050 5050	300	10.8	52.7F 11.50		289	26 1.30 43	15 1.23 40	11 •48 16	1.6	.00	123 2.02 68	26 •54 18	12 •34 12	3.0 .05 2	.00	==	162 155	128 26	70E 0.4
01/18/71 1530	5050 5050	5030	11.4	52.0F 11.1C	7.6 8.0	153			3.0 .13 8		.00	83 1.36 89		1.5		.10	==		. 72	380E
03/09/71 0950	5050 5050	230	12.1 100	45 F 7 C		213			6.0 .26		.00	112 1.84 86		5.1 .14		.10	==		97	4E
05/24/71 1045	5050 5050	220	10.1 110	68.0F 20.0C		213	20	12	5.3	.02	.00	115 1.88 86	9.6 .20	3.4 •10	.00	.00	==	108 108	100	1E 0.2
07/14/71 0955	5050 5050	55	8.6 100	74.3F 23.50		263	45 		7.2 .31		.0	145 2.38		7.3 .21		.00			130	16
09/27/71 0925	5050 5050	16	8.8 90	61.7F 16.5C		322			12 10		.0	90 170 2.79		15 .42		.00			157	2E
	AO	3595.	00	_	OTTONW	000 CB	FEK SOI	JTH FOR	14 K NEA	B (0)	TONWO	87 on		13		•				
11/12/70	5050	2.96	10.7	55.4F		OOD CR	35	8.4	18	1.1	.0	120	20	30	.0	.10		184	122	25E
1315	5050	3.30	101	13.0C	8.3	333	1.75	•69 21	.78 24 8.2	.03	.00	1.97 61 112	13	.85 26 9.2	.00	.10		172	107	0.7 35E
1445	5050	370 -	101	3.5C	8.1	242	34	12	.36 15	.8	.00	1.84 76	21	.26 11	•0	.10		154	135	4E
03/09/71	5050 5050	2.66	12.1	47 F 8 C	8.6	298	34 1.70 53	.99 31	.48 15	.02	.73 23	1.70 53	.44	•31 10	.00			163	13	0.4 2E
05/24/71 0835	5050	164	10.6	17.5C		204			7.5 .33 16		.00	101 1.66 81		7.0 .20 10		.00			89	26
07/14/71 0820	5050 5050	27	9.5 108	55 C	8.0	277			10 •44 16		.00	128 2.10 76		.39 14		.10	==		121	2E
	Α0	4321.	01	D	EER CRI	EEK AT		9E NEAR												
05/18/71 1350	5050 5050	520	11.2 114	61.7F 16.5C	7.2 7.7	79	3.7 .18 23	4.8 .39 50	4.3 .19 24	.7 .02 3	.00	.74 100	.00	.00	.00	•00		63 36	29 9	0E 0.3
06/08/71 1155	5050 5050	37,0	10.0 110	68.9F 20.5C		94			5.7 .25 27		.00	53 .87 93		1.0 .03 3		.00			39	SE
07/09/71 1240	5050 5050	190	9.6 118	79.7F 26.5C		142			7.2 .31 22		.00	82 1.34 94		1.7 .05 4		.10	==		56	2E
08/09/71 1040	5050 5050	130	10.5 135	84 F 29 C		208			9.0 .39 19		.00	123 2.02 97		4.6 •13 6		.20	==		87	1E
09/24/71 1225	5050 5050	106	12.3 145			201	.70 32	11 •90 41	12 •52 24	2.1 .05 2	.00	118 1.93 93	.00	4.8 •14 7	.00	.20	==	140 102	80 17	1E 0.6
	AO	4420.	50	м	ILL CR	EEK NE	AR MOU	TH NEAR	L05	MOLI	105									
11/10/70 1400	5050 5050	463	11.2 101	51.8F 11.0C	7.1 7.3	130			8.4 .37 28		.00	32 •52 40		11 •31 24		.30	==		39	55£
01/12/71 1140	5050 5050		13.4 106	41.9F 5.50		143			10 •44 31		.00	.80 56		.39 27		.40			44	1£

DATE TIME	SAMPLER LAB	G.H. D DEPTH	OC TAR	TEM		IELO ORATORY EC	MINE		45T1TU NA		IN M	ILLIGRA ILLIEOU ERCENT HCO3	REACT	ITS PE	R LITE ALUE	R B	LIGRAMS F 5102	PER TOS SUM	LITER TH NCH	TURB SAR
	A0		• • •	• •		OREEK NE		• • •	• • •				• • •	CONTIN	• • •	• •		• •		
03/10/71	5050	4420.	11.6		F 7.				13		•0	53	'	15		.50			47	2E
1400	5050	178			C 7.				•57 35		.00	.87 53		.42 26						
05/18/71 1420	5050 5050	449	11.0 110	59.9 15.5	F 7.		7.1 .35 40	2.6 .21 24	6.6 .29 33	1.3 .03 3	.00	32 •52 60	9.7 .20 23	5.1 .14 16	.00	.20	==	79 48	28	1E 0.5
07/09/71 1305	5050 5050	312	9.8 109		F 7. C 7.				7.8 .34 29		.00	33 •54 45		7.0 .20 17		•50			36	3E
09/24/71 1250	5050 5050	115	11.7 128		F 7.4		.70 34	8.3 .68 33	.61 30	2.9 .07 3	.00	82 1.34 66	12 •25 12	16 •45 22	.00	.40		150 108	69	1E 0.7
	A O	4520.				OPE CREE			NEAR											
10/08/70 0915	5050 5050	43	10.2 95		F 7.		1.10 48	4.9 .40 17	.70 30	4.1 .10 4	.00	1.34 62	10 .21 10	.62 29	.00	.60		155 120	75 8	30E 0.8
02/08/71 1230	5050 5050	121	12.5 105		F 7.		.60 43	5.8 .48 34	6.8 .30 21	.02 1	.00	73 1.20 88	.02 1	5.4 •15 11	.00	•00		89 67	54	2E 0.4
	AO	5103.	00		FEATH	ER RIVER	AT NI	COLAUS												
10/07/70 0900	5050 5050	5530	10.0	59.4 15.2	F 7.	3 86 8 82	8.8 •44 54	3.2 .26 32	3.6 .16 20		.00	45 •74 90	1.3 .03 4	.01 1		.00	-1	64 39	35 2	0.3
10/20/70 1100	5050 5050	3.97 5500			F 7.	3 80 84														6E
11/05/70 1020	5050 5050	6200 2			F 7.		8 • 8 • 4 4 5 2	3.4 .28 33	3.0 .13 15		.00	46 •75 89	3.1 .06 7	1.3 .04 5		•00	-0	54 42	36	0.2
11/17/70 1315	5050 5050	4.47 6220	11.1 103	54.0 12.2	F 7.	2 85 84											==			7E
12/09/70 1010	5050 5050	14800	10.6 94		F 7.		8.1 .40 45	3.6 .30 34	3.8 .17 19		.00	41 •67 76	3.6 .07 8	2.9 .08 9		.10	-0	65 42	35 2	0.3
12/21/70 1040	5050 5050	2.90 11500	11.2 95		F 7.	3 89 88														15E
03/17/71 0A30	5050 5050	0.44 13800	11.9 104	49 9	F 7.	3 88 85														25E
04/21/71 0930	5050 5050	8.68 13860	11.0 100	52.0 11.1		4 85 81														10E
05/19/71 0715	5050 5050	6.43 9240	9.4 93	59.0 15.0		5 80 80							-11							10E
06/16/71 1040	5050 5050	7.01 10520	8.3 101		F 7.0	5 84 74														25E
07/21/71 1220	5050 5050	5.17 7289	8.5 100		F 7.	3 70 74		**												10E
08/18/71 1200	5050 5050		100	21		77														7E
09/15/71 1140	5050 5050	7.92 12320	9.4 98		F 7.	3 75 78														10E
	40	5111.	01			ER RIVER	BELOW	STAR 8	BEND											
10/13/70 0910	5403 5050			14	F 7.	82														6E
10/24/70 0930	5050			10.0		88														5E
11/10/70 0935	5403 5050			51 11	F 7.	85														10E
11/24/70 0900	5403 5050			7.8		86														5E
12/08/70 0930	5403 5050			6.7	F 7.	83														35E
12/22/70 0930	5403 5050			3H.0		89														15E

						MI	NERAL	ANALYSI	S OF	SURF	ACE WA	TER								
DATE TIME	SAMPLER LAB	Q	DO SAT	TEMP		RATORY	MINE	RAL CO	NSTITU	ENTS	IN M		JIVALE	NTS PI	ER LIT	ER	LIGRAM			
		DEPTH			PH * *	EC	CA	MG	NA • • •			HC03	504	CL	N03	B • • •	5102 * * * *	TDS SUM	TH NCH * * * *	TURB SAR
	Α0	5120.	00	F	EATHER	RIVER	8ELOW	SHANGE	HAI BE	ND										
10/07/70 0815	5050 5050	5.97 4857	10.3 100	57.6F 14.2C	7.3	87 83											==			7E
10/20/70 0950	5050 5050	6.03 5067		56 F 13 C	7.2	80 85														6E
11/04/70 1630	5050 5050	6.18 5432 2	10.7 100	54.8F 12.7C	7.3	89 84											==			7E
11/17/70 1120	5050 5050	6.44 5959	11.0 100	52.0F 11.1C	7.2	85 83											==			8E
12/08/70 1415	5050 5050	0.40 12680 2	11.1 99	51.0F 10.5C	7.3	90 84														40E
12/21/70 1130	5050 5050	9.16 10690	11.7 98	46 F 8 C	7.3	90 88														15E
01/06/71 1020	5050 5050	9.14 10710 2	12.6 102	43.5F 6.4C	7.3	95 87														7E
	AO	5125.	00	FE	ATHER	RIVER	AT SH	ANGHAI	BEND											
10/27/70 0825	5213 5050	6.15 5309		53.0F 11.7C	7.3	93														8E
11/10/70 0725	5213 5050		11.0 105	56 F 13 C	7.7	91											==			15E
11/24/70 0845	5213 5050		12.0 110	53.0F 11.7C	7.4	92														8E
12/08/70 0820		0.32 12530	97	50.0F 10.0C		90	••													15E
10/27/70	A0 5212	5134.	01	54.0F		RIVER	ABDVE	YUBA F	INEK I	A1 YU	CI	TY 								8E
1315	5050	1.23	9.8	12.2C	7.6	95											==			7E
1115	5050	1.23	95	13.9C 53.2F	7.8	91										~				9E
0930	5050		97	11.8C		96														10E
1315	5050		88	10.4C		90														25E
1240	5050			7.4C		91														
10/27/70	5212	5136.		FE 54.0F		RIVER	AT YUE	SA CITY	DIVE	7510N										6E
1345	5050		99	12.2C		91														7E
11/24/70	5050 5212	9.50	97	13.6C 52.9F	7.9	88														2E
1005 12/08/70	5050		98 11.0	11.6C 50.5F		110														15E
1345	5050 5212			10.3C 45.1F	8.0	90														15E
1220	5050	5165.	94	7.3C	ATHER	91 RIVER	NEAD O	SRIDI FY												
10/07/70	5050	6.42	9.8	57.5F	7.3	88	8.1	3.4	2.8		.0	45	1.2	.7		•00	.1	59	34	
0645 10/20/70	5050	3034	95		7.7	82	•40 49	.28 34	.12 15			.74 90	.02					38	3	0.2 5E
0840 11/05/70	5050 5050	3054 6.49		14 C		93 91	8.9	3.4	3.2		•0	49	2.6	1.4		.10	.0	50	36	0.2
0830 11/17/70	5050			13.2C		92	.44 51 	.28 33	.14 16			.80 93	.05 6	•04 5				44	4	0.2 4E
1020	5050	3034	101	13.3C		89														

DATE TIMF	SAMPLER LAB		DO AT		F I E I L ARORI PH	ATORY		MG			IN M	ILLIGRA ILLIEQI: ERCENT HCO3	REACTA	ITS PE	R LIT ALUE	ER B	LIGRAMS F SI 0 2 ~	105		TURB SAR
	• • • • •						• • •	• • •	• • •	• •	• • •	• • •	• • •	• • •	• •	• • • •			• • •	• • •
12/09/70		5165.00 8.16 1				RIVER	9.0	3.5	3.6		.0	49	.6	0.1100: 1.8		.00	.0	55	37	
0840	5050	7208 1	02	10.2C	7.5	88	-45 51	.29 .29	.16 18		•00	.80 91	.01	•05 6				43	3	0.3
12/21/70 1230	5050 5050	7.32 1 5214	1.8 99	46 F 8 C	7.4	89 88														4E
05/18/71 1700	5050		7.4 77	64 F 18 C	7.4	78														
	AO	5191.00		FE	ATHER	RIVER	AT ORO	VILLE												
05/20/71 0725	5050	0.59 342	8.3 85	62 F 17 C	7.3	76											==			
	A O	5660.00		JA	CK SL	DUGH AT	MARYS	VILLE												
10/13/70 0935	5401 5050			58 F 14 C	7.2	87														11€
10/27/70 1115	5401 5050	,		60.0F 15.5C	7.2	126											==			30E
11/10/70 0907	5401 5050			58 F 14 C	6.7	134														25E
12/08/70 0936	5401 5050			52.0F 11.1C	6.5	99														30€
12/22/70 1045	5401 5050			43.0F 6.1C	6.7	90														35E
	AO	5710.01		NO	RTH HO	ONCUT C	REEK A	T H1GH	WAY TO)										
10/27/70 1042	5401 5050			60.0F 15.5C	7.3	224														7E
11/10/70 0836	5401 5050	50		59 F 15 C	7.0	186											==			7E
12/08/70 0907	5401 5050			53.0F 11.7C	6.9	125														15E
12/22/70 0839	5401 5050			48.0F 8.9C	6.9	96														30€
	Δ0	6120.00		YU		VER AT	MARYSV	ILLE						,						
10/01/70			03	60.9F 16.0C		80											==			
10/27/70 0845	5050			49.0F 9.4C		80														4E
11/04/70 1040	5050		0.5 93	50.5F 10.3C	7.2	76														
11/10/70 0800	5213 5050		2.0 05	49 F 9 C	7.3	72														10€
11/24/70 0955	5213 5050		02 2.0	47.0F 8.3C	7.1	75														SE
12/04/70 1200	5050		1.7 02	49 F 9 C	7.3	62											==			
12/08/70 0850	5213 5050			49.0F 9.4C		69														35E
01/07/71 1450	5050		3.0 08	45.5F 7.5C	7.3	84														
02/02/71 0935	5050		2.6 03	44.0F 6.7C	7.2	84														
03/02/71 1400	5050		3.5 15	47.5F 8.6C	7.3	83											==			
04/05/71 1400	5050		0.8 05	58 F 14 C	7.3	75											==			
05/04/71 1230	5050	1 1560 1		54.0F 12.2C	7.3	78														

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	00 SAT	TE	L	FIELD ABORAT	ORY		RAL CO			IN M	ILLIGR. ILLIEO	UIVALE	NTS PE	R ER LITER	₹	LIGRAMS	PER TOS	L I TER Th	TURB
****							• •	CA .	MG *	NA * *	, K	C03	HC03	504	CL	N03	• •	5102	SUM * *	NCH .	SAR *
		6120.				A RIVE									CONTIN						
05/04/71 1230	5050 5050	1560		54 12			78 78	8.1 .40 51	3.1 .25 32	2.3 .10 13		.00	.67 86		.02 3					33 1	1E 0.2
05/20/71 0630	5050			67 19		7.0	76														
07/09/71 0845	5050		10.6 103			7.2	58														
08/04/71 1330	5050		9.5 108	72 22		7.3	62														
09/01/71 1230	5050		9.8 104			7.4	65											==			
	AO	6150.	00		YUB	A RIVE	R NEA	R MARY	rSVILLI	E											
10/13/70 1030	5402 5050	2100	14.4 145	60.8 16.0		7.4	75														35
10/27/70 1045	5402 5050	2360		52.0 11.1		7.5	79														3E
11/10/70 1040	5402 5050	3240	14.0 124	50 10		7.4	72											==			10E
11/24/70 1140	5402 5050	2800	14.0 122	49.0 9.4		7.4	72											==			3E
12/08/70 1105	5402 5050	4130	12.0 106	50.0 10.0		7.3	69											==			45 E
- 12/22/70 1045	5402 5050	4320	16.2 147			7.4	80											==			10E
	AO	6512.	0.1		RFA	RIVE	R NFA	R RIO	050												
10/20/70 0730			9.1	58 14	F	7.3	135 136														15€
11/17/70 0920	5050 5050	40	10.4	53.5 11.9			160 158														30E
12/08/70 1510	5050 5050	0.5		53.8 12.1			128 118														25E
12/21/70 1330	5050 5050		11.5 98	47 8		7.3	94 94														35€
01/06/71 0755	5050 5050	0.5	12.7 93	37.0			144 129														20E
	Α0	6535.0	01		BEAF	RIVE	RATI	FORTY	MILE R	OAD NE	EAR W	HEATLA	NO								
12/08/70 1330	5405 5050	8.50	11.0 100		F		75														35E
12/22/70 1330	5405 5050	8.30	11.0 97	50.0		.3	70														30€
	Α0	6550.0	0		BEAR	RIVE	R NEAF	WHEA	TLAND												
10/01/70 0745	5050 5050	4.51	9.0 95		F 7	.5	175 177	16 •80 45	8.5 .70 40	5.9 .26 15		.00	79 1.29 73		6.2 .17			==		75 11	2E 0.3
10/27/70 1330	5405 5050			62.00		:	189											==			10E
11/04/70 0940	5050		9.5 94	59 i		.3	130											==			
12/04/70 1320	5050 5050	5.35	12.0 110	53 I			86 88	8.0 .40 45	3.4 .28 32	2.8 .12 14		.00	36 •59 67		4.3 .12 14			==		34 5	220E 0.2
12/08/70 1300	5405 5050	8.25 1670		52.00		•0	75											==			35E
12/22/70 1300	5405 5050	8.13 1570	11.0	50.00		•2	71											==			20E
01/07/71 1340	5050	304	12.4 105	46.5I		.3	81											==			

								EKAL A	INAL TSE	S OF S	URP A					,		160405	000	750	
DATE TIME		UELLH 0	DO SAT	TE	L	FIEL ABORA PH	TORY	CA	MG	NA	K	IN M P CO3	ILL 1EQU ERCENT HC03	MS PER JIVALEN REACTA 504	TS PER NCE VA	LITE LUE NO3	R 8 5	F 102	TOS SUM	TH NCH	TURB SAR
		6550.	00	• •	HE4		ER NEA				•				 ONT 1NI			* *.	- " •		
02/02/71 0830		852	12.4	46 8			80														
03/02/71 1500	5050	138	13.1 117	51 11	F C	7.9	86														
04/05/71 1 5 20	5050 5050	7.38 1030	10.5 107	61. 16.	5F 4C	7.5 7.4	72 72	8.5 .42 58	2.1 .17 24	2.8 .12 17		.00	32 •52 72		3.4 .10 14					30 4	25E 0.2
05/04/71 1045	5050 5050	6.31 455	10.4 102	58. 14.	5F 7C	7.3 7.5	73 73	5.9 .29 40	3.0 .25 34	2.8 .12 16		.00	30 •49 67		3.4 •10 14					27 3	7E 0•2
07/09/71 0745	5050	41	8.8	72 22	F C	7.3	84														
08/04/71 1445	5050 5050	21	9.0 114	83 28		8.0 7.9	140 144	16 •80 56	5.1 .42 29	4.2 .18 12		.00	63 1.03 72		4.9 •14 10					61 10	1E 0.2
09/01/71 1340	5050	83	9.5 107		F C	7.4	75											==			
	AO	6620.	01		OR	CREE	K AT F	ORTY N	ILE R	DAD NE	AR RI	0 050)								
12/08/70	5405 5 050	6.00 3.5				7.5	165														15E
12/22/70 1345	5405 5050		10.0 83	45. 7.		7.0	139														15€
	A 0	7140.	10			ERICAN	N RIVER	AT S	ACRAME	NTO WA	TER F	LANT									
10/30/70 1330				58 14	С		50														
11/13/70 1330			10.3	16	С	7.2	54														
12/23/70			11.7 103	10	C F	7.2	62 76														
01/15/71 1430 02/26/71			102	9	С	7.3	70														
1330			104	9	С	7.3	76														
1130 04/15/71			100	13 56	C F		64														
1130 05/06/71	5050		109	66	F		68	6.1	2.1	2.6		.0	31		2.0					24	16
1330	5050 5050	3780	10.8	61	F	7.4	64 59	•30 47 	.17 27 	•11 17		.00	.51 80 		.06 9					2	0.2
1230 07/15/71 1400	5050		9.9 104	16 64 18		7.2	51														
08/05/71	5050			66 19		7.1	53														
09/03/71 1400	5050		9.6 103	66 19	F C	7.2	46														
	4.1	1020.	0.0		D.I	T DIV	ER NEAF	MONT	CUMERA	COFEK											
11/17/70		1020	11.3				EK NEAF			8.7		.0	68		3.1		.10			53	7E
0930	5050	5250		a.	. OC	6.0	140			.38 27 6.8		.00			•09 6		.10			54	10E
01/13/71 1200	5050	5740		4	С	7.8	133			.30 23		.00	1.20 90 71		2.3		.10			50	13E
0850 05/11/71	5050 5050	7960	95 12.6	7 54	C F	8.1 7.3	126	9.5	4.2	•31 25 7•2	1.4	.00	1.16 92 65	1.2	.06 5	•1	.00		90	41	4E
0905	5050	10300		12	С	7.8	116	.47 40	.35 30	.31 26 8.9	.04	.00	96		.03 3	.00	.00		57	13 53	0.5 7E
0955	5050	5120	104			7.7	144			.39		.00			.07					-	

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEM				RAL CO			IN M	ILLIGR	JIVALE	NTS PE	R LIT		LIGRAM F	IS PER	LITER TH	TURB
****							CA #	MG * *	NA * *	K # #	C03	HC03	504	CL *			5102	SUM # # #	NCH	SAR
	A1	1020.				ER NEAR								CONTIN						
09/22/71 0910	5050 5050	7240	10.0	15	7.4 C 7.8	141	9.1 .45 32	6.2 .51 36	9.3 .40 28	1.8 .05 4	.00	80 1.31 92	.00	3.9 .11 8	.00	.10		104 70	48 18	1E 0.6
10/07/70	A1 5050	1680. 2.63	9.8	47 1		ER NEAR	CANB1	6.2	26	6.2	•0	154	8.1	7.1	•1	•20		182	78	120E
0815	5050	76	83		8.1	280	1.05 37	•51 18	1.13	.16	.00	2.52 87	.17	•20 7	.00			151	48	1.3
11/17/70 1145	5050 5050	2.94 169	10.8 84	41.0F 5.00		274			26 1.13 41		•00	145 2.38 87		7.9 .22 8		•10	==		96	30E
12/15/70 1200	5050 5050	3.06 225	12.5 87	33.8F		289			26 1.13 39		.00	140 2.29 79		9.0 .25 9		•10	==		90	45E
01/13/71 1515	5050 5050	3.04 217	11.2 76	32 F	7.1	263			25 1.09 41		.00	132 2.16 82		8.2 .23		•20			81	30E
02/17/71 1635	5050 5050	3.32 329	11.6 90	40.6F 4.80		195			16 •70 36		.00	98 1.61 83		6.1 .17		•10	==		69	40E
03/16/71 1120	5050 5050	4.46 959	10.5 78	38 F	7.4	241			27 1.17 49		.00	107 1.75 73		9.3 .26		.20			67	160E
04/13/71 1600	5050 5050	4.41 926	9.5 83	49 F	7.5	142			8.7 .38 27		.00	76 1.25 88		2.8		•10			58	65E
05/11/71 1155	5050 5050	1680	9.6 95	59 F	7.5	154			10 •44 29		.00	81 1.33 86		1.7 .05 3		-10	==		53	25E
06/03/71 1615	5050 5050	8.17 3660	8.3 83	59.9F		148	.55 35	4.5 .37 24	.57 37	2.7 .07 4	.00	73 1.20 85	6.6 .14 10	2.2 .06 4	1.4	•20	==	119 77	46 14	80E 0.8
07/07/71 1220	5050 5050	3.69 490	8.3 91	68 F 20 C		182			14 •61 34		.00	89 1.46 80		3.8 •11 6		•10			62	40E
08/05/71 1500	5050 5050	2.89 150	8.2 97	75 F 24 (187			13 •57 30		.00	104 1.70 91		3.7 .10 5		-10			65	55E
09/22/71 1110	5050 5050	2.73 105	9.8 95	57 F		240			21 •91 38		.00	135 2•21 92		4.8 .14 6		•20			88	55E
	A1	4400.				ER SOUT	H FORK													
10/07/70 0930	5050 5050	2.14	95	45 F	8.1	126	11 •55 42	4.5 .37 28	7.4 .32 24	3.3	.00	1.13 93	1.6	1.9 .05 4	.00	•00		100	11	55E 0.5
06/04/71 0840	5050 5050	1020	96	50.9F		98	8.4 .42 40	4.1 .34 33	5.0 .22 21	2.2 .06 6	.00	56 •92 100	.00	.00	.00	•10		86 48	38 8	25E 0.4
	AZ	1010.	00	s	ACRAME	NTO RIV	ER AT	KESW10	CK											
10/13/70 1325	5050 5050	7100	8.9 83		8.0	103			5.0 .22 21		.00	53 •87 84	5.1 .11 11	3.3 .09 9		.10			48	3E
11/18/70	5050 5050	14000	7.8 72	12 0	7.1 7.8	120			6.7 .29 24		.00	56 •92 77	3.1 .06 5	•06 5		•00			48	7E
12/16/70	5050 5050	20000	96	9.40	7.0	115			6.3 .27 23		.00	.90 78	7.2 .15 13	.07		.10			45	9E
01/18/71 1420 02/22/71	5050 5050 5050	25000	11.5	8.90		111	8.9 .44 41	4.4 •36 34	5.2 .23 21	1.5	.00	.89 .85 .56	4.9 .10 10	1.9 .05 5	.5 .01 1	.00		78 54	40 5	40E 0.4
1135	5050	7000		7 (7.1	105			5.2 .23 22		.00	.92 88	4.1 .09 9	2.2		.00			43	10E
1340	5050	5000		47 F 8 C	7.4	103			4.1 .18 17		.0	.87 84	6.6 .14 14	2.5 .07 7		.10			43	6E 7E
1400	5050	13500	95	8 0		112			.19 17		.00	.95 .85	•11 10	.06 5		.00			42	4E
1300	5050	14100			7.8	109			.23		.00	.87 80 56	.09 8	.03		•00			42	6E
1040	505 0	13000		9 0	7.3	109			.25 23		.00	.92 84 57	.25 23	• 05 5		.00			38	5E
1105	5050	12500			7.4	102			.19		.00	.93 91	.08	•07						
08/10/71 0900	5050 5050	13000	10.5 94		7.1 7.3	108			5.3 .23 21		.00	60 •98 91	1.6 .03 3	2.1 .06 6		.00	==		40	7E

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TEMP	FIE LABOR			RAL CON	ISTITU NA		IN M	ERCENT	UIVALE	NTS PE ANCE V	R LITE	ER 8	L1GRAMS F 51 0 2	PER L TOS SUM	ITER TH NCH	TURB SAR
					• • •			MG • • •	• • •		* * *	HC03	• • •			• • •			* * *	* * *
00/07/71	A2 5050	1010.	10.0	54 F	7.1	NTO RI	VER AT	KESWIC	5.4	1.0	.0	58	.0	1.0	UED .4	.00		90	41	4E
09/27/71 1115	5050	10500	92	12 C	7.2	111	.45 42	.37	.23	.03	.00	.95	.00	.03	.01	•••		50	7	0.4
	A2	1300.	00	54	ACRAME	NTO PI	VER AT	DELTA												
10/06/70 0750	5050 5050	3.54 175	9.8 91	54 F 12 C	7.8 8.0	154	9.0 .45 29	7.4 .61 39	11 •48 31	.03	.00	75 1.23 82	2.1 .04 3	8.0 .23 15	.00	•20		109 76	53 9	7E 0.7
11/16/70 0930	5050 5050	4.76 640	11.5 94	44.6F 7.0C	7.3 7.8	122			5.6 •24 20		.00	62 1.02 84		5.2 .15 12		.10			50	4E
01/12/ 7 1 0945	5050 5050	5.36 1020	12.8 98	40.0F 4.4C	7.1 8.0	101			3.6 .16 16		.00	.87 .86		4.1 .12 12		.10			44	2E
03/15/71 0950	5050 5050	6.47 1990	12.6 101	43 F 6 C	7.3 7.5	88	5.6 .28 31	5.8 .48 53	3.0 .13 14	.6 .02 2	.00	47 •77 89	.02	2.8 .08 9	.00	•00		53 42	38 1	14E 0.2
05/10/71 1010	5050 5050	2380	12.5 110	50 F 10 C	7.1 7.7	76			2.2 .10 13		.00	.72 95		.02 3		.00			37	6E
07/06/71 0945	5050 5050	4.28 412	10.5 109	63.5F 17.5C	7.9 8.1	120			5.7 .25 21		.00	61 1.00 83		3.8 •11 9		.10	••		50	3 E
09/21/71 0930	5050 5050	3.63	11.1 105	55 F 13 C	8.1 7.8	145			9.6		.00	74 1.21		7.6 .21		•50			54	3E
29 83 14 A2 2150.00 MCCLOUD RIVER ABOVE SHASTA LAKE																				
11/16/70 0800	5050 5050	439	11.3 95	46.4F 8.0C	7.1 7.9	114			3.8 .17 15		.00	62 1.02 89		2.3 .06 5		•00	:-		51	4E
01/12/71 0900	5050 5050	465	11.1 87	41.0F 5.0C	7.4 7.9	102			2.4 .10 10		.00	55 •90 88		2.1 .06 6		.10			45	1E
03/15/71 0840	5050 5050	1450	12.6 101	43 F 6 C	7.3 7.4	89	11 •55 62	2.8 .23 26	2.4 .10 11	.5 .01 1	.00	48 •79 95	2.1 .04 5	.00	.00	.00	B	53 .42	39 1	4E 0.2
05/10/71 0820	5050 5050	647	10.8 95	50 F 10 C	7.3 7.8	96			3.2 .14 15		.00	56 •92 96		1.1 .03 3		•00			39	1E
07/06/71 0810	5050 5050	359	10.1 100	59 F 15 C	7.7 7.9	104	13 •65 61	2.8 •23 22	3.6 .16 15	.02 2	.00	60 •98 92	2.6 .05 5	.9 .03 3	.•0	.00		74 53	44 5	0.5 1E
09/21/71 0805	5050 5050	296	10.6 97	52.7F 11.5C		109			5.1 .22 20		.00	61 1.00 92		1.4		.00	==		44	SE
	A3	1110.				REEK 81		LACK BU												
11/10/70 1240	5050 5050	32	12.6	56.3F 13.5C		429	43 2.15 45	23 1.89 39	17 •74 15	1.7 .04 1	.00	237 3.88 82	.46 10	.39 8	.00	.20		202 237	203 8	40E 0.5
01/12/71 1440	5050 5050		13.1 104	41.9F 5.5C		303			15 .65 21		.00	127 2.08 69		21 •59 19	1.5 .02 1	.20			124	80E
03/10/71 1300	5050	3.00 98	122	50 F 10 C	8.5	251	31 1.55 57	7.9 .65 24	11 •48 18	.02	3.0 .10 4	109 1.79 69	18 .37 14	.34 13	.00	•20		153 138	110	7E 0.5
05/16/71 1030	5050		120	61.7F 16.5C	8.3	260			10 •44 17		.00	131 2.15 83		12	.01	•10			114	30E
07/09/71 1125 09/24/71	5050	338	124	73 F 23 C	7.3	276			9.6 .42 15		.00	135 2.21 80 169		.31 11	.00	.10			113	45E 85E
1100	5050		10.4	68.9F 20.5C		338			.61 18		.00	2.77		.37	.01	• 20			144	656
	A3 1250.00 STONY CREEK NEAR FRUTO																			
10/07/70 0930	5050 5050	30	10.8	53.6F 12.0C	8.4 7.9	454			19 .83 18		.00	247 4.05 89		19 •54 12	.00	.40			211	115E
11/10/70 1200	5050 5050	142	11.0	53.6F 12.0C		447			.91 20		.00	110 1.80 40		47 1.33 30	.01	.10			176	115E
12/10/70 1245	5050 5050	1500	12.5 104	45.5F 7.5C		233	25 1.25 54	7.4 .61 26	10 .44 19	1.2 .03 1	.00	94 1.54 68	16 •33 15	13 •37 16	.01	•20		117 120	16	240E 0.5
01/12/71 1400	5050 5050	495	101	39.2F 4.0C	8.0	204			6.3 .27 13		.00	88 1.44 71		8.5 .24 12	.00	.10				180E
02/0#/71 1115	5050 5050	763	12.6	45 F 7 C		228			0.6 .37 16		.00	102 1.67 73		10 -28 12	.6 .01	.10			97	55E

TABLE D-2 (CONTINUED) MINERAL ANALYSES OF SURFACE WATER

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TEM	LAB0 PH	ELD RATORY EC	CA	MG	NA	к	IN P	ILL 1EG ERCENT HCO3	RAMS PE DUIVALE F REACT 504	NT5 PE ANCE V CL	R LITE ALUE NO3	R B	F 5102	S PER TDS SUM	TH NCH	TURB SAR
	A3	1250.	00				* * * * NEAR FR							CONTIN				* * *		
03/10/71 1200	5050 5050	196	11.7		F 8.0 C 8.1				12 •52 18		.00	121 1.98 69		14 •39 14	.00	•10			125	10E
04/12/71 1440	5050 5050	674	10.0 100		F 8.0 C 8.2				7.5 .33 15		.00	106 1.74 77		6.8 •19 8	.00	.10			97	70E
05/18/71 0940	5050 5050	300	11.6	56.3 13.5			26 1.30 56	7.7 .63 .27	8.9 .39 17	.01	.00	105 1.72 75	17 •35 15	7.5 .21 9	.00	.10		132 119	96 11	4E 0.4
06/08/71 0930	5050 5050	265	10.9 112		F 8.0 C 8.3				9.8 .43 17		.00	118 1.93 78		8.6 .24 10	•5 •01	•10			113	20E
07/09/71 1030	5050 5050	104	10.6 118		F 8.1 C 7.9				10 •44 16		.00	138 2.26 82		12 •34 12	.00	.20			108	30E
08/09/71 0845	5050 5050	425	9.2 102		F 8.0 C 8.0				12 •52 18		.00	152 2.49 86		14 •39 13	.00	•20			127	80E
09/24/71 1005	5050 5050	201	9.8 105		F 8.2 C 7.9				15 •65 18		.00	180 2.95 84		14 •39 11	.00	•50			146	60E
	A3	1302.	00		GRINDS	TONE C	REEK NE	AR ELK	CREEK											
11/10/70 1130	5050 5050	9.82 184	10.9 99	51.8 11.0	C 7.7	305			8.6 .37 12		.00	92 1.51 50		•28 •9	.01	•00			134	115E
01/12/71 1335	5050 5050	310	13.4 102	39.2 4.0	C 8.0	176			4.6 .20 11		.00	77 1.26 72		5.2 •15 9	.00	.10			80	210E
03/10/71 1150	5050 5050	9.60 93	11.6 97		7.7 C 8.0	247			8.1 .35 14		•00	101 1.66 67		6.5 •18 7	.00	.10	==		109	4E
05/18/71 0925	5050 5050	121	11.9 110	12	F 7.6 C 7.9		25 1•25 79	1.1 .09 6	5.3 .23 15	.01	.00	75 1.23 72	20 •42 25	2.3 .06 4	.00	•00	==	100 91	67 6	0.3
07/09/71 1000	5050 5050	9.65 24	108	76.1 24.5	C 7.7	306			9.1 .40 13		•00	128 2.10 69		8.4 •24 8	.00	.10	==		127	1E
09/24/71 0945	5050 5050	9.40 22	9.7 108	70 21	F 8.0 C 7.3	440	60 2.99 66	8.9 .73 16	17 •74 16	1.4 .04 1	.00	155 2•54 57	67 1.39 31	18 •51 11	.00	•10		274 249	186 59	1E 0.5
A3 2120.00 THOMES CREEK AT PASKENTA																				
10/07/70 1030	5050 5050	2.86	10.8 104	57.2 14.0	8.4 C 8.0	474			16 •70 15		.00	135 2.21 47		33 •93 20	.00	•20	==		208	3E
11/10/70 1030	5050 5050	4.63 305	91	9.00	7.6	182	25 1.25 66	4.7 .39 21	4.8 .21 11	.03 2	.00	68 1.11 63	23 •48 27	5.5 •16 9	.01	-10	==	108 98	87 27	500E 0.2
12/10/70 1125	5050 5050	5.46 693	103	41.90 5.50	7.9	148			3.5 .15 10		.00	72 1.18 80		1.5 .04 3	.00	•00	==		68	240E
01/12/71 1240	5050 5050	5.63 731	13.3	38.3		152			2.5 .11 7		.00	75 1.23 81		2.5 .07 5	.00	.10			70	140E
02/08/71 1015	5050 5050	5.21 540	12.8	5	8.1	162			3.6 .16 10		.00	79 1.29 80		2.8 .08 5	2.2 .04 2	.10			72	45E
03/10/71 1045	5050 5050	4.33 180	12.1 99	7	7.8	505			4.7 .20 10		.00	99 1.62 80		3.0 •08 •	.00	.10			96	3E
04/12/71 1400	5050 5050	5.31 554	10.5 99	55.00 12.80		162			2.6 .11 7		.00	1.31 81		1.8 .05 3		•00			75	35€
05/18/71 0835	5050 5050	360	12.1 108	50.90 10.50	7.4 8.0	192			3.4 .15 8		.00	76 1.25 65		3.0 .08 4	.00	.00			60	4E
06/08/71 0830	5050 5050	4.18 244	10.3	59.91 15.5		145	.95 65	4.4 .36 25	2.9 .13 9	.02 1	.00	70 1.15 79	12 •25 17	1.4 .04 3	.6 .01 1	.00		91 76	66 8	14E 0.2
07/09/71 0840	5050 5050	3.24 51	9.4 105	70 I	8.0 C 7.9	254			5.8 .25 10		.00	118 1.93 76		6.3 •18 7	.00	.10			115	1E
08/09/71 0755	5050 5050	2.78	8.5 100	75 I	7.9 7.9	308			8.5 .37 12		.00	113 1.85 60		14 •39 13	.00	•20			129	SE
09/24/71 0845	5050 5050		10.5		8.2 7.5	388			.57 15		.00	116 1.90 49		.62 16	.00	.10			157	30

							NERAL	ANAL Y5	ES OF	SURFA					_					
DATE TIME	SAMPI.ER LAB	G.H. O DEPTH	SAT	TEM	P F1 LABO PH	ELD RATORY EC	MINE	RAL CO	NST1TU	ENTS	IN W	ILLIGRA ILLIEO ERCENT	JIVALE	NTS PE	R LITE	ER B	LIGRAM5	PER (LITER	TURB
							CA		NA e		C03	HC03	504	CL	N03		5103	SUM * * *	NCH	SAR
	A3	3110.	00		ELDER	CREEK #	EAR PA	SKENTA										•		
04/12/71 1330	5050 5050	2.10 125	9.6 96		F 8.3 C 8.2		20 1.00 38	16 1.32 51	6.2 .27 10	.7 .02 1	.00	133 2.18 87	6.7 .14 6	7.1 .20 8	.00	.00		136 122	115 7	5£ 0.3
09/24/71 0800	5050 5050	1.06 2.5	10.0 97		F 8.0 C 8.1	923	2.00 23	32 2.63 30	92 4.00 46	1.2	.00	187 3.06 36	3.8 .08 1	194 5.47 64	.00	.20		530 455	234 79	1E 2.6
	A3	6130.	00		CLEAR	CREEK #	EAR IC	60												
04/19/71 1315	5050 5050		11.5 107	54 12	F 7.5 C 7.5		6.2 .31 40	3.8 •31 40	3.2 .14 18	.6 .02 3	.00	.70 89	.02 3	2.4 .07 9	.00	.00		60 38	31 4	4E 0.3
09/27/71 1015	5050 5050		11.6 107		F 7.4 C 7.4	89	4.3 .21 24	6.7 •55 63	2.4 .10 11	.02	.00	.80 94	.00	1.8 .05 6	.00	.10		58 40	38 2	1E 0.2
	A4	1110.	00		BUTTE	CREEK *	EAR CH	1100												
11/18/70 1010	5050 5050		12.7 104	44.6 7.0	F 7.3 C 7.9	104	10 •50 43	5.6 •46 40	3.6 .16 14	1.0 .03 3	.00	1.00 91	2.6 .05 5	1.6 .05 5	.00	•00		82 54	48	1E 0.2
01/14/71 1210	5050 5050	2.81 464	14.2 109	40.1 4.5	F 7.1 C 7.8	84			1.8 .08 10		.00	47 •77 92		2.0 .06 7		.10			42	3E
03/17/71 1125	5050 5050	4.40 690	12.3 102	45 7		67			2.4 .10 15		.00	39 •64 96		1.4 .04 6		•10			30	4E
05/18/71 1305	5050 5050	578	12.5 114		F 7.3 C 7.6		6.1 .30 48	2.4 •20 32	2.2 .10 16	.6 .02 3	.00	34 •56 100	.00	.00	.00	.00		46 28	25 3	1E 0.2
07/08/71 1255	5050 5050	1.68 249	10.3 111		F 7.5 C 7.6	97			2.8 .12 12		.00	.79 81		.00		.00	,		39	2€
09/23/71 1130	5050 5050	1.38 135	11.3 110		F 7.8 C 7.7	110			3.9 .17 15		.00	65 1.07 97		.00		.00			51	1E
	A4	2110.	00		BIG CH	ICO CRE	EK NE	AR CHIC	:0											
11/18/70 0930	5050 5050	2.29 41	11.8 102		F 7.7 C 8.2	178	.70 36	8.8 .72 38	11 •48 25	.02	.00	92 1.51 82	4.8 .10 5	8.5 .24 13	.00	.20		113 93	71 5	1E 0.6
01/14/71 1250	5050 5050		13.6 110		F 7.3 C 7.9	85			3.6 .16 19		.00	.72 85		4.3 .12 14		.10			45	1€
03/17/71 1205	5050 5050	3.50 278	12.6 106	46 8	F 7.1 C 7.1	84	6.6 .33 39	4.2 .35 41	3.4 .15 18	.02	.00	.80 91	.00	3.0 .08 9	.00	.10		- 60 - 42	34 6	4E 0.3
05/18/71 1230	5050 5050	62	11.7 113		F 7.8 C 8.0	148			7.5 .33 22		.00	82 1.34 91		5.9 .17 11		.10			59	0E
07/08/71 1335	5050 5050	2.10 32	9.6 109		F 8.2 C 8.3				12 •52 28		.00	94 1.54 82		7.6 .21 11		.20			72	2E
09/23/71 1210		1.97 24	10.2 107	64 18	F 8.1 C 8.1	208			14 •61 29			107 1.75 84		9.6 .27 13		.20			83	1E
	A4	5110.	50		ANTELO	PE CREE	K NEAR	RED 8												
10/08/70 0950	5050 5050	43			F 7.3 C 7.5	153	11 •55 34	7.2 .59 37		.03		80 1.31 87	.00		.00	.10		115 76	57 9	3E 0.6
02/08/71 1330	5050 5050	121			F 7.6 C 7.9		9.0 .45 41	4.7 .39 35	5.8 .25 23		.00	.98 85	1.6 .03 3	4.9 •14 12	.00	.00		74 56	42 7	2E 0.4
		7110.				CREEK				2.2	^			3 4		.00		116	58	7E
10/07/70 1330	5050	305	11.6 107	12.0	С 8.3	146	9.8 .49 31	8.1 .67 42	•36 23	4	•00	83 1.36 93	.03	.07 5	.00			73	10	0.5
02/08/71 1445	5050 5050	546	12.3 106	9	C 8.1	120	11 •55 44	4.7 .39 31	6.0 .26 21	1.5 .04 3	.00	71 1.16 93	.03	2.1 .06 5	.00	.00		86 62	11	3E 0.4
AF 14: 15	A4	8110.				EEK NE				_	_	e.	, .	1 4	2			72	25	16
05/24/71 1335	5050	476	10.5 115	20	C 7.7	100	8.9 .44 49	3.1 .25 28	20	.02		.84 92	1.6 .03 3	1.4	.00	.00		72 45	35	1E 0.3
09/27/71 1240	5050 5050		12.3 128				.65 40	6.7 .55 34	8.7 .38 24	.03	.00	86 1.41 87	.00	7.7 .22 13	.00	•10		116 80	11	1E 0.5

					MINEHAL A	NALYSES	OFS	URFA					~				
DATE TIME	SAMPLER LAB	G.H. DD Q SAT	TEMP L	ABORATOR	Y MINER	AL CONS	30717	NTS	IN M	ILLIEGO	IVALEN	TS PE	R LITE	R MIL	LIGRAMS	PER LITE	
		Q SAT DEPTH		PH EC	CA	MG	NA	.к.	_CO3	HC03	SO4	CL CL	NO3		5105	TDS T	
* * * * *										* * *							
		R 953.0 028.				(STATIO	N 1)										
04/28/71 1700	5050	4.16 75	40.3F 4.6C	7.2 78	3												
04/28/71 1710			42.0F 5.6C	79													
04/28/71	5050		46 & 0 F	7.3 78					•0	47		.9					32
1715		1	7.8C	7.8 76					.00	•77 99		•03 4					5 2
	A5	R 954.9 030.	3 LAK	E DAVIS N	110-LAKE	(STATIO	N 2)										
04/28/71 1515		1	42.3F 5.7C	7.3 79													
04/28/71 1540	5050	19	42.0F 5.6C	7.3 79													
			40.45														
04/28/71 1555	5050	35	40.4F 4.7C	7.1 79	,												
		R 954.9 032.	1 AK	F DAVIS 1	וא רטיי רפי	FFK CHA	NNFI										
04 400 473									•	32		.3					20
04/28/71 1440	5050	79	13.4C	7.7 51	·				.00	•52		.01					20
		1								102		2					
		R 955.3 033.			N FREEMA	N CREEK	CHAN	NEL									
04/28/71 1100	5050 5050	9.9 82 1	45.4F 7.4C	7.1 50 7.7 51					.00	31 •51 100		.00					20
	A5	P 955.7 033.	7 LAKI	E DAVIS I	IN 81G GR	IZZLY C	REEK	CHAN	NEL								
04/28/71	5050	1	36.6F	7.0 46	·				.0	28		.3					18
0845	5050	1	2.00	1.0 40	•				•00	•46 96		.01					
	A5	R 955.9 031.	3 LAK	E DAVIS N	EAR NORT	H END (STATI	ON 3)								
04/28/71	5050	10.2 81	42.1F	7.3 77					.00	46 •75		.00					33
1245	2020	8	5.00	1.9 10	,				.00	96		•00					
	A5	2250.00	FEA	THER RIVE	R. WEST	BRANCH,	NEAR	PAR	ADISE								
05/18/71	5050	6.22 9.0 608 83	53 F	7.2 35	5 												
1525		000, 03	12 C											~			
	A5	3140.10	FEA	THER RIVE	R. NORTH	FORK,	ABOVE	FLE	A VAL	LEY CRE	EK						
05/18/71 1355	5050	4.04. 9.6 115 95	59 F	7.2 68	3												
		/-	.,	,	1												
	A5	4200.00	SPAI	NISH CREE	K ABOVE	BLACKHA	WK CR	EEK									
05/18/71 1200	5050	3.66 9.3 608 89	56 F 13 C	7.4 45	·												
	A5	4320.00	IND	IAN CREEK	NEAR CR	ESENT M	ILLS										
05/18/71	5050	6.51 9.2 1980 90	58 F	7.2 73	3												
1235		1980 90	14 C														
	A5	5100.00	FEA	THER RIVE	R. MIDDL	E FORK,	NEAR	MER	RIMAC								
05/20/71 1000	5050	9.1 4580 92	61.5F 16.4C	7.6 74											==		
		5420.00			-0 4700	5 500v	NE 10	000	701.4								
05 (10 (7)						E FURK	NEAR		TOLA								
1005	3030	5.05 7.0 1090* 70	15.5C	7.4 12-						8							
	A5	5486.41	LAK	E DAVIS 1	RIBUTARY	• NORTH	OF C	O# C	REEK								
04/28/71 1400		1.0	56.0F 13.3C	6.7 20 21													
		5,04.55					TO	T			w15						
A. 100 - 1	FAFA	5486.53			K TRIBUT	ART OF	IKTHO	TARY			412						
04/28/71 1135	5050 5050	•5	40.0F 4.4C	6.6 19	3												
	A5	6080.00	FEA	THER RIVE	R. SOUTH	FORK,	BELOW	PON	nEROS	A DAM							
		5.05 9.6	65 F														
1205		612 102	18 C														

DATE	SAMPLER LAB		OO SAT	TE	MP	FIEI LABORI PH	ATORY	M I NE				14	MILLIGR MILLIEO PERCENT HCO3	REACT	NTS PE	R LIT	ER B	LIGRAMS F 5102	FER L	.ITER TH NCH	TURB SAR
					-						• • •	* * .					• • •	* ***	* * *	* * *	346
05/20/71		1430.0		66			VER A1	ENGLE	BRIGHT	DAM									•		
1430		1970	105	19	С			VED NE	AR WAS	MINGI	NA.										
05/15/71		2.27					35														
1420		247	103	13.																	
	A6	4700.0	0		50	UTH Y	JBA RI	VER NE	AR CIS	co											
05/18/71 0730	5050	4.97 692		6.		7.6	42														
	A7	2190.0	1		АМ	ERICAN	RIVE	RNF	ABOVE	MIDDLE	FORK	AT A	AUBURN								
05/20/71 1545	5050	2.25 1880				7.2	41														
	A7	3100.0	0		AMI	ERICAN	RIVE	R MIDD	LE FOR	K NEAR	AUBL	JRN									
05/20/71 1605	5050	7.01 917	9.2 102			7.3	41														
	84	L 857.0	239.	6 1	CL	EARLAN	E NEA	R CLEA	RLAKE	H I GHL A	ND5										
11/12/70 1130	5050 5050		9.1 89			7.3 7.6	257			8.9 .39 15		.00	142 2.33 91		5.5 .16 6	3.4 .05 2	•90			109	10€
12/10/70 1110	5050 5050		8.4 74			7.1 7.9	247			9.0 .39 16		.00	139 2.28 92		6.6 •19 8	2.7 .04 2	•90			113	15
02/04/71 1045	5050 5050	٠	9.8 83	47 8		7.1 7.5	244			8.6 .37 15		.00	138 2.26 93		4.8 .14 6	3.7 .06 2	.80	\		111	25€
03/04/71 1025	5050 5050		11.0 93	47 8		7.3 7.8	247			7.3 .32		.00	138 2.26 91		5.8 .16	3.1 .05 2	.80	==		123	40E
04/08/71 1035	5050 5050		9.5 88	54 12		7.2 7.6	240	26 1.30 51	10 -82 32	8.7 .38 15	1.6 .04 2	.00	132 2.16 86	6.1 .13 5	6.0 •17	3.0 .05	.80	==	154 127	108	0.4
	A8 I	L 902.7	254.7	7 1	CLE	EAR LA	KE AT	LAKEP	ORT												
10/22/70 0730	5050 5050		8.1 77	56.3 13.5			244			9.0 .39 16		.00	136 2.23 91	••	6.0 .17 7	.00	.80	==		110	25€
11/12/70 0925	5050 5050		8.2 78	56.0 13.3			243	20 1.00 38	14 1.15 44	9.6 .42 16	1.9 .05 2	.00	138 2.26 88	5.6 .12 5	5.4 .15 6	3.3 .05 2	.70		148 128	106 6	40E 0.4
12/10/70 0915	5050 5050		9.0 77			7.4 7.8	219			7.5 .33 15		.00	121 1.98 90		5.4 •15 7	2.4 .04 2	•70			107	60 '
01/07/71 1230	5050 5050	1	10.6 85	42.6 6.0	BF DC	7.0 7.7	218			7.0 .30 14		.00	118 1.93 89		5.0 •14 6	2.8 .05 2	.60	==		102	55
02/04/71 0840	5050 5050		9.0 74	45 7		7.1 7.8	190		••	6.3 .27 14			103 1.69 89		3.2 .09 5	2.8 .05 3	•40			85	100E
03/04/71 0845	5050 5050	1	10.7 91			7.5 7.6	208			5.8 .25 12		.00	114 1.87 90		4.0 .11 5	2.6 .04 2	•50	==		96	80E
04/08/71 0830	5050 5050		9.2 9.2	51 11	F C	7.4 7.7	206	21 1.05 47	9.8 .81 36	7.1 .31 14	2.0 20.	.00	113 1.85 87	6.1 .13 6	3.8 .11 5	2.7 .04 2	•50	== ,	134 109	93 1	45E 0.3
05/05/71 0730	5050 5050		9.0 87		F C	7.5 7.6	211			8.5 .37 18		.00	119 1.95 92		3.8 .11 5	2.5 .04 2	.40	==		93	30E
06/24/7] 0755	5050 5050		9.7 104			8.1 8.3	226			8.7 .38 17		.00	128 2.10 93		5.5 .16 7	.00	•50	==		103	305
07/22/71 0935	5050 5050		8.6 102	76.1 24.5			231			9.1 .40 17		.00	134 2.20 95		4.8 .14 6	.00	.60			108	14€
08/19/71 0840	5050 5050		10.5 125	76.1 24.5			241			9.6 .42 17		-00	135 2.21 92		5.4 .15 6	.01	•90			110	7E
09/16/71 0855	5050 5050		11.2	72 22		8.4 8.6	245			9.6 .42 17		4.0 .13 5	128 2.10 86		5.5 .16 7	.00	.70			115	5€

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	DO SAT	ΤE	MP	FIE LABOR PH		MIN	ERAL C	0N5TITU	IENT5	IN N	ILLIGR	REAC	ENTS PI	ER LI	TER B	F	15 PER	Тн	TURB
* * * * *									MG W W	* * * *	* * *	* * *	HC03	504	CL.	* * *		\$102	* * *	NCH	SAR
11/13/70	A8 5050	1120.	11.5	56		8.2	REEK 650	EAR C	APAY 41	56		.0	264		75		2.50			216	
1230	5050	50	110	13	C	7.4	694	•90 13	3.42 49	2.44		.00	4.33		2.12 31		2,000			1	1.7
12/05/70 1530	5050	7.04 3288		53 12	F C	8.1	260														
12/08/70 1040	5050 5050	5.33 1400	96 96	54 · 12	F C	8.0	380 390	10 •50 13	26 2.16 . 55	1.09		.00	165 2.70 69		28 •79 20		1.10			133	140E 0.9
12/17/70 0930	5050	5.09 1211	11.3 97	48	F C	8.1	390														
12/30/70 1315	5050 5050	6.45 2520	11.5 100	49 9	F C	7.9 7.9	275 279	20 1.00 36	15 1.28 46	.61 22		.00	138 2.26 81		13 •37 13		.70			114	0.6
09/08/71 0830	5050	3.17 334	9.0 96	66 19	F C	8.1	280														
01/14/71 1600	5050	5.57 1607	12.3	46 8	F C	8.0	380														
02/02/71 1315	5050 5050	4.69 946	11.2 100	51 11	F C	8.0 8.3	390 381	27 1.35 35	26 2•21 58	.91 .91 24		.00	190 3.11 82		20 •56 15		1.00	••		178 23	50E 0.7
03/02/71 1015	5050 5050	2.90 168	12.8 107	46 8	F C	8.2	725 712	42 2.10 29	41 3.38 47	53		6.0 .20 3	293 4.80 67		60 1.69 24		1.70			274 24	3E 1.4
04/05/71 1130	5050	3.58 464	9.1 92	61 16	F C	7.9	440										••				
04/15/71 0945	5050 5050	3.12 310	10.0	61 16	F C	8.1	540 544	34 1.70	30 2.54	42 1.83		4.0	236 3.87		1.24		1.40	==		212 12	4E 1.3
04/30/71 1130	5050	3.62 476	9.9 101	62 17	F C	8.2	360	31	47 	34			71		23						
05/12/71 1045	5050 5050	3.19 331	9.1	70. 21.		8.1 8.5	450 464	27 1.35 29	26 2•17 47	33 1.44 31		4.0 .13 3	210 3.44 74		31 .87 19					176 3	4E 1.1
06/16/71 0830	5050 5050	3.61 512	7.6 88	73 23	F C	7.9 8.0	270 325	25 1.25	17 1.45	13 •57		.00	168 2.75		14 •39 12		.80			135 3	55€ 0•5
07/07/71 1400	5050	3.46 460	9.0 112	81 27	F C	8.4	280	38	45 	18			85								
08/04/71 0945	5050 5050		104	77 25	F C	8.2	270 279	24 1.20	14	.57		.00	151 2.47 89		10 •28		.80			120	15E 0.5
09/28/71 0945	5050 5050	2,65	9.8 100	62 17	F C	8.2	330 353	24 1.20 34	18 1.54 44	20 16 •70 20		1.0 .03	182 2.98 84		19 •54 15					137 14	6E 0.6
	84	1250.	00		86	AR CR	EEK NE					-									
10/22/70 1015	5050 5050	0.92 2.8	11.8 112	55. 13.	4F 0C	8.4 8.5	4160	25 1.25 3		713 31.02 71	.90 2	74 2.47 6	821 13.46 30	63 1.31 3		20.0 .32	11.0	==	2470 2422	591 208	10E 12.8
11/12/70 1245	5050 5050	0.94 3.1	12.2 116				4560			760 33.06 72		.00	950 15.57 34		1080 30.46 67		32.0			670	3E
12/10/70 1225	5050 5050	1.81	11.9				1370			153 6.66 49		.00	439 7.20 53		222 6.26 46	6.7 .11	4.90			414	3E
01/07/71 1600	5050 5050	1.78	12.5 99				1410			152 6.61 47		13 •43 3	488 8.00 57			5.6	4.50			447	2E
02/04/71 1200	5050 5050		12.5 106				1340			141 6.13 46		.00	547 8.97 67			6.4	3.90			442	4E
03/04/71 1140	5050 5050	1.49	12.1	50 10	FC	8.4	1720	27 1.35 7	101 8.31 43	220 9.57 49	9.5 .24 1	36 1.20 6	548 8.98 47	72 1.50 8	255 7.19 38	_	6.30		1040 1004	485 26	2E 4.4
04/08/71 1210	5050 5050	1.55 25	10.9	59 15	F C	8.4	1500			162 7.05 47		28 •93 6	514 8.42 56			7.1 .11	4.40			427	4E
05/05/71 1000	5050 5050		10.2 104	62 17	F C	8.3 8.5	1960			238 10.35 53		25	623 10.21 52		317 8.94 46	8.6 .14	6.40			490	7E
06/24/71 1120	5050 5050	0.84		76. 24.		8.4 8.7	2530			366 15.92 63		42 1.40 6	716		495 13.96 55	2.4	1.10			522	6E
07/22/71 1330	5050 5050	0.60	12.5 158	82 28	F C	8.3	3190			538 23.40 73		42 1.40 4	768 12.59		676 19.06 60	.00	12.0	==		556	SE

DATE TIMF	SAMPLEP LAB	G.H. Q DEPTH	DO SAT	TEM		LD RATORY EC					1N F	AILLIGR AILLIEQ PERCENT	REAC	ENTS PE TANCE V	R LI	rer	LL I GRAM!	TOS	ТН	TURE
							CA	MG	NA	· * *	C03	HC03	504	· · ·	N03	• • •	5102	SUM	NCH	SAR
	A8	1250.				EEK N	EAR RUN	4SEY						CONTIN						
08/19/71 1130	5050 5050		10.1 119	75 F 24 (4110			29.10 71		2.57 6	760 12.46 30		935 26.37 64	.00	21.0			699	4E
09/16/71 1135	5050 5050	•4	11.4 132	73 F 23 (8.4	4650			874 38.02 82		2.77 6	820 13.44 29		1120 31.58 68	.01	26.0			655	2€
	A8	1350.	00	(CACHE (REEK I	NEAR LO	WER LA	AKE											
10/22/70 0835	5050 5050	21	10.1 99		7.8	265			9.7 .42 16		.00	148 2.43 92		6.4 •18 7	.00	1.00			119	10E
11/12/70 1050	5050 5050	0.53 2.8	11.3 101	51.0F	7.3 8.1	311	22 1.10 34	18 1.48 45	.61 19	2.7 .07 2	.00	153 2.51 78	.23 7	15 •42 13	3.2 .05 2	1.20	· ==	194 162	130	4E 0.5
12/10/70 1030	5050 5050	0.48 2.2	10.9 94	48.0F	7.3	194			8.5 .37 19		.00	86 1.41 73		6.4 •18 9		•50			80	60E
01/07/71 1345	5050 5050	0.56 3.2	10.1 83	44.6F 7.00	7.1	247			9.6 •42 17		.00	135 2.21 89		6.7 .19 8		.90	==		110	25€
02/04/71 1000	5050 5050	0.72 6.2	11.5 98	47 F		256			10 •44 17		.00	139 2.28 89		6.6 •19 7		.90			128	25E
03/04/71 0945	5050 5050	0.70 5.8	11.4 97	47 F 8 C		292			9.6 .42 14		.00	146 2.39 82		5.5 .16		•60			130	305
04/08/71 0945	5050 5050	0.60 3.9	10.3 102	59 F 15 C		248			9.8 .43		.00	138 2.26 91		5.1 .14 6		.80			105	20€
05/05/71 0830	5050 5050	2.56 180	9.5 93	58 F		250			7.7 .33 13		.00	134 2.20 88		3.9 .11		.80	,		114	25E
06/24/71 0825	5 5 5050	6.93 3060	8.8 103	74.3F 23.50		250			9.6 .42 17		.00	134 2.20 88		5.6 •16 6		.70	==		112	30E
07/22/71 1115	5050 5050	4.09 650	7.9 98	81 F 27 C	7.8	240	20 1.00 40	13 1.07 43	8.4 .37 15	1.8	.00	129 2.11 88	7.1 .15 6	4.5 .13 5	.00	.70	==	148 119	105	4E 0.4
08/19/71 0945	5050 50 5 0	3.58 490	9.0 110	79 F 26 C		247			9.8 .43		.00	138 2.26 91		5.6 •16		1.00			112	20E
09/16/71 0910	5050 5050	3.04 335	8.2 98	77 F 25 C		258			11 •48 19		.00	144 2.36 91		6.7 .19 7		.80	==	2	117	20E
	A8	2050.	00	c	ACHE C	REEK N	ORTH F	ORK NE	AR LOW	ER LA	KE									
10/22/70 0925	5050 5050		11.5 110		8.0	607			38 1.65 27		•00	222 3.64 60		72 2.03 33		4.30	==		228	16
11/12/70 1215	5050 5050		12.5 123		8.2	789	43 2.15 26	42 3.45 41	62 2.70 32		.00	278 4•56 55	23 .48 6	114 3.21 39	2.2	7.90	==	444 433	282 52	1E 1.6
12/10/70 1145	5050 5050	4.12 580	11.2 95		7.7 8.0	232			10 •44 19		.00	118 1.93 83		12 •34 15		1.00			100	30€
01/07/71 1500	5050 5050	3.25 258	11.9 98		8.0	283			12 •52 18		.00	151 2.47 87		13 •37 13		•90	==		124	4E
02/04/71 1115	5050 5050	2.99		47 F 8 C		322			14 •61 19		.00	178 2.92 91		12 •34 11		1.00			145	6E
03/04/71 1050	5050 5050	2.53 105		47 F 8 C		407	27 1.35 31	26 2.14 49	.87 .20	.02	4.0 .13 3	206 3•38 78	.25 .6	.56 13	.01	1.70	==	231 214	174	2E 0.7
04/08/71 1105	5050 5 0 50	2.72 203	10.6 101		8.8	300			13 •57 19		.00	167 2.74 91		9.9 .28 9		.80			128	6 E
05/05/71 0915	5050 5050	2.26 103	10.3 99	57 F 14 C		369			15 .65 18		.00	197 3.23 88		16 •45 12		1.40			161	4 E
06/24/71 1030	5050 5050	1.53	10.8 125		8.3 8.3	429			29 1.26 29		.00	224 3.67 86		34 •96 22		2.50	==		185	16
07/22/71 1245	5050 5050		10.3 131		8.2	478			32 1.39 29		.00	222 3.64 76		42 1.18 25		3.00			187	SE
08/19/71 1030	5050 5050		10.4 125	77 F 25 C	8.1 8.4	492			34 1.48 30		3.0 .10 2	208 3.41 69		52 1.47 30		3.60			190	2E
09/16/71 1050	5050 5050		10.5 123		8.2	504			33 1.44 29		.00	216 3.54 70		51 1.44 29		3.60			200	1£

DATE	SAMPLER LAB	G.H. Q DEPTH	00 SAT	TE	MP	FIE LABOR PH	LD ATORY EC				ENTS	IN W	ILLIGR	REACTA	NCE V	R LITE	R B	LIGRAMS	TDS	TH	TURB
* * * * *				4 40					MG * * *	NA * * *	* *	* * *	HCD3	504	* * *		* *	5102	5UM * * *	NCH * * *	SAR * * *
10/23/70	A9 5050	1250.	10.9	56	PU F	7.9	REEK N 280	EAR WI 16	NTERS 23	7.9		5.0	153		5.0					137	4E
1315	5050		104	13	С	8.4	285	.80 28	1.94	.34 12		.17	2.51		.14					3	0.3
11/18/70 1145	5050 5050		10.5 102	58 14	F C	7.9 7.8	295 288	.70 24	22 1.84 64	7.8 .34 12		.00	165 2.70 94		5.1 .14 5					127 8	0.3
12/17/70 1100	5050 5050	4.74 50	10.1 92		F C	7.7 7.7	320 307	17 .85 28	19 1.59 52	.61 20		.00	140 2.29 75		.31 10			==		122 8	75E 0.6
01/14/71 1600	5050 5050	5.02 75	11.7 101	48 9	F C	7.8 7.9	344 351	24 1.20 34	24 2.00 57	14 •61 17		.00	176 2.88 82		11 •31 9					160 16	15E 0.5
02/02/71 1430	5050 5050		12.2 109	51 11	F C	8.0 8.1	300 298	17 •85 29	25 2.07 69	8.2 .36 12		.00	166 2.72 91		5.8 •16 5					146 10	10E 0.3
03/02/71 0900	5050 5050	5.75 178	11.6 102	50 10	F C	8.2	305 294	17 •85 29	23 1.95 66	8.2 .36 12		•0	163 2.67 91		4.1 .12 4					140 7	7E 0•3
04/15/71 1050	5050 5050	7.02 427	10.4 106	62 17	F C	8.1 8.4	290 294	20 1.00 34	23 1.90 65	7.7 .33 11		2.0 .07 2	161 2.64 90		5.7 .16 5					145 10	4E 0.3
05/12/71 1210	5050 5050	6.68 364	12.5 119	56 13	F C	8.1 8.3	290 293	15 •75 26	24 2.03 69	8.3 .36 12		.00	166 2.72 93		4.4 •12 4					139 3	1E 0.3
06/16/71 0930	5050 5050	7.68 617	10.8 108	60 16	F C	7.9 8.1	240 292	15 •75 26	26 2•21 76	6.8 .30 10		.00	164 2.69 92		4.8 •14 5					148 14	7E 0.2
07/09/71 1200	5050 5050	7.78 653	12.4 117	55 13	F C	8.1 8.3	290 292	17 .85 29	25 2.07 71	7.8 .34 12		.00	161 2.64 90		4.8 •14 5					146 14	5E 0.3
08/04/71 0830	5050 5050	7.86 677	9.2 84	53 12	F C	8.0	285 294	18 •90 31	23 1.92 65	8.1 .35 12		.00	165 2.70 92		6.4 .18 6					141	1E 0.3
09/08/71 0950	5050 5050	7.15 482	11.4 107	55 13	F C	8.2 8.2	` 275 298	21 1.05 35	22 1.85 62	8.1 .35 12		.00	166 2.72 91		6.1 .17 6				3	145 9	1E 0.3
	A9	5010.			-	05 605															
							LEK NE	AR POP	E VALLE	<u>.</u> Y											
06/04/71 1100			11.5	69 21		8.1	50 50														
		2.88	11.5 127		F C	8.1	50														
	5050 80	2.88 7.5 2105.	11.5 127		F C	8.1	50														
1100	5050 80 5050	2.88 7.5 2105.	11.5 127 00	21 57	F C MO	8.1 KELUMN	50 NE RIV									 					
1100 10/22/70 0900 11/12/70	80 5050 5050	2.88 7.5 2105. 7.58 544	11.5 127 00 10.5	57 14 58 14	F C F	8.1 KELUMN	50 NE RIV 47											==			
1100 10/22/70 0900 11/12/70 1400	5050 80 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392	11.5 127 00 10.5 101	57 14 58 14	F C F C	8.1 KELUMN 7.0	50 HE RIV 47 46											:: ::			
10022/70 0900 11/12/70 1400 12/09/70 1445	80 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763	11.5 127 00 10.5 101	57 14 58 14 55 13	F C F C F C	8.1 KELUMN 7.0 7.3	50 NE RIV 47 46 42					 	 		 	 	 	== == == ==			
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71	80 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763	11.5 127 00 10.5 101	57 14 58 14 55 13 51 11	F C F C F C F C	8.1 KELUMN 7.0 7.3	50 NE RIV 47 46 42 38						 			 		:: :: :: ::			
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71	80 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653	11.5 127 00 10.5 101 10.5 99	57 14 58 14 55 13 51 11 50 10	FC FC FC FC FC	8.1 KELUMN 7.0 7.3	50 NE RIV 47 46 42 38	ER AT 1						 						19	5E 0.2
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71 0825	5050 80 5050 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653 9.03 816	11.5 127 00 10.5 101 10.5 99	57 14 58 14 55 13 51 11 50 10 42 6	FC FC FC FC FC	8.1 7.0 7.3	50 50 47 46 42 38 45 42 41	ER AT 1		IDGE		.0	18 .30		.06						
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71 0825 02/18/71 0930 03/08/71	5050 80 5050 5050 5050 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653 9.03 816 9.09 828 455	11.5 127 00 10.5 101 10.5 99	57 14 58 14 55 13 51 11 50 10 42 6	FC FC FC FC FC	8.1 7.0 7.3 7.0	50 50 47 47 46 42 38 45 42 41 47			IDGE		.0	18 .30		.06						
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71 0930 03/08/71 1030 03/31/71	5050 5050 5050 5050 5050 5050 5050 505	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653 9.03 816 9.09 828 455 6.88 440	11.5 127 00 10.5 101 10.5 99 11.7 103 12.0 95 11.5 99	57 14 58 14 55 13 51 11 50 10 42 6 8.4	FC FC FC FC FC FC FC	8.1 7.0 7.3 7.0 6.9	50 50 47 47 46 42 38 45 42 41 47 48			IDGE		.0	18 .30		.06						
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71 0825 02/18/71 1030 03/08/71 1030 03/31/71 1300 04/14/71	5050 5050 5050 5050 5050 5050 5050 505	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653 9.03 816 9.09 828 455 6.88 450 5.75 288	11.5 127 00 10.5 1015 10.5 99 11.7 103 12.0 95 11.5 99	57 14 58 14 55 13 51 11 50 10 42 6 8.4 51 10	FC MOT FC FC FC FC FC FC FC FC FC	8.1 7.0 7.3 7.0 6.9 7.1 7.5 7.4	50 50 47 46 42 38 45 42 41 47 48 47					.00	18 •30 64		.06	 					
1100 10/22/70 0900 11/12/70 1400 12/09/70 1445 12/29/70 0930 01/18/71 1545 02/04/71 0825 02/18/71 0930 03/08/71 1300 04/14/71 1500 05/04/71	5050 5050 5050 5050 5050 5050 5050 5050 5050 5050	2.88 7.5 2105. 7.58 544 6.62 392 2.12 1438 8.71 763 8.15 653 9.03 816 9.09 828 455 6.88 450 5.75 288	11.5 127 00 10.5 10.1 10.5 99 11.7 103 12.0 95 11.3 10.9 10.9	57 14 58 14 55 13 51 11 50 10 42 6 48 50 10 51 6 6 10 6 6 6 10 6 6 6 6 6 6 6 6 6 6 6	FC MO FC FC FC FC FC FC FC FC	8.1 7.0 7.3 7.0 6.9 7.1 7.5 7.4 7.2	50 50 47 47 46 42 38 45 42 41 47 48 47 45	ER AT 1	1.4 -12 26 	2.0 			18 .30 64 	·	.06 13	 				16	0.2

DATE TIMF	SAMPLER LAB	G.H. Q DEPTH	OG	ΤE	MP	F1EL LABORA Ph	D TORY EC	MINE		ISTITUI		IN M	ILL IGRA	REACT	NTS PE ANCE V	R LITE ALUE	R B	LIGRAMS	TOS	Тн	TURB
					*			CA	HG * * *	NA * * *	• •	* * *	HC03	* * *	* * *	NO3		5102	SUM * * *	NCH	5AR
	80	2105.						ER AT	WOODBR1	DGE				•	CONTIN	UED			•		
07/15/71 1030	5050	6.83 430	9.9 105		F C	7.1	45														
08/06/71 1000	5050	3•77 35	8.3 96	73 23	F C	7.1	48														
09/08/71 1340	5050	6•22 358	9.3	68 20	F C	7.3	52														
09/29/71 1200	5050	7.32 561	10.6 101	56 13	F C	7.1	45											. ==			
	В0	2515.	01		CA	LAVERA	S RIV	ER AT	STOCKTO	N											
05/19/71 1530	5050	3.35 2.6	8•5 96	71 22		8.0	185														
	80	2580.	00		ST	OCKTON	DIVE	RTING	CANAL A	T 5100	CKTON	ı									
12/09/70 1030	5050 5050	5.25 187	10•2 94			7.4 7.0	170 168	13 •65 39	6.9 .57 34	6.5 .28 17		.00	83 1.36 81		8.3 .23 14					61	50E 0.4
01/18/71 1330	5050	8.11 1304	11.4 101	50 10	F C	7.6	190														
02/04/71 0945	5050	8.2	13.6 109	43 6		8.4	180														
02/18/71 1215	5050 5050		11.7 107			8.1 7.8	195 221	23 1.15 52	9.9 .81 37	7.6 .33 15		.00	100 1.64 74		7.3 .21 10			,		98 16	4E 0.3
05/20/71 0830	5050	2.86	7.9 83		F C	7.8	235											=-`			
06/28/71 1040	5050	3.22 8.5	8.5 87	62 17	F C	7.5	210											==	,		
08/06/71 1200	5050	3.73 32	6.7 82		F C	7.3	190														
09/08/71 1230	5050	4.10 57	9.3 98	75 24	F C	7.5	185														
09/29/71 1035	5050 5050	3.27 10	, 6.6 67	61 16	F C	7.3 8.1	185 202	19 •95 47	8.6 .71 35	6.4 .28 14		.00	99 1.62 80		4.8 •14 7				,	83 2	5E 0.3
	80	7020.	00		SAI	DAOL M	UIN R	IVER N	R VERNA	LIS											
10/06/70 0920	5050	1.55 1670																			
10/08/70 1200	5001 5006	2	9.4 99	64 18		7.7	734														40A
10/20/70	5050	1.14 1450																			
01/11/71 1420	5001 5006			48 9	F C	8.0	419					.00	88 1.44 34								
02/08/71 1200	5001 5006			55 13	F C	7.5	428					.00	82 1•34 31								
03/05/71 1000	5001 5006	3	10.5 95	52 11	F C	7.8	663											17.0			24A
03/08/71 1120	5001 5006			54 12	F C	7.5	584					.00	100 1.64 28								
04/06/71 0945	5001 5006	3	8.6 90	64 18	F C	7.5	860														40A
04/12/71 1430	5001 5006			57 14	F C		695														
05/04/71 1130	5001 5006	3	9.7 100	63 17	F C	7.7	789											 17.0			30A
05/10/71 1130	5001 5006		•	61 16	F C	7.6	530					.00	111 1.82 34					••			
06/02/71 1030	5001 5006	3	10.6 114	66 19	F C	7.4	699											5.0			32A

								NEKAL A	INAL TS	E5 UF :	SUKF											
DATE	SAMPLER LAB	Q	DO SAT	TE	MP	FIE	ATORY	MINER	AL CO	NSTITUS	ENT5	IN N	AILLIGRA	JIVALE	NTS PE	R LI		8 MIL	LIGRAMS F	TDS	TH	TURB
		DEPTH				PH	EC .	CA .	MG	NA.	K	CO3	HC03	S04	CL	NO3		-	2105	SUM	NCH	SAR
	80	7020.	.00		SA	N JOA	QUIN R	IVER NA	VERN.	AL1S					CONTIN	UED						
06/07/71 1400	5001 5006			66 19	F C		776															
06/30/71 1015	5001 5006		9.0 102	72 22	F C	7.6	597												 14.0			40A
07/12/71 1350	5001 5006	3		72 22	FC		905												==			
08/03/71 1400	5001 5006		12.0 154	84 29	F C	8.2	892		· 										 16.0			60A
08/09/71 1440	5001 5006	3		82 28	F	7.9	937					.0	179 2.93						==			
08/31/71 1500	5001 5006		10.5 121	73 23	F C	7.9	831						31						 20.0			25A
09/07/71 1350	5001 5006	3	•••	73 23	FC		836															
09/28/71	5001 5006		8.3 89			7.7	686												 20.0			21A
1130	5000	3	07	19	·		000												20.0			
	81	1150.	00					R AT MI	CHIGA	N BAR												
10/08/70 0930	5050	2.20		70 21	F C	7.4	70															
11/10/70 1515	5050 5050		11.2 111	59 15		7.5 7.5	78 107	9.0 .45 42	4.0 .33 31	6.3 .27 25		.00	50 -82 77		5.8 .16 15						39 2	0.4
12/09/70 1340	5050 5050	4.67 1090	11.6 105	52. 11.	0F 1C	7.3 7.5	115 99	8.9 .44 44	3.3 .27 27	3.8 .17 17		.00	.75 76		3.6 .10 10				==		36 2	30E 0.3
01/15/71 1130	5050 5050	4.46 884	12.6 106	46 8	F C	7.4 7.8	120 115	12 .60 52	6.8 .56 49	4.1 .18 16		.00	56 •92 80		2.8 .08 7				==		58 12	15E 0.2
03/10/71 0830	5050 5050	3.50 247	12.2 104	47 8	F C	7.7 7.5	86 84	7.3 .36 43	3.8 .31 37	3.2 .14 17		.00	43 •70 63		2.0 .06 7		~				34 2	7E 0•2
04/16/71 1000	5050	4.57 632		55 13		7.0	49															
05/18/71 0700	5050 5050	4.24 692	10.5	56 13	F C	7.0 7.6	48 50	3.8 .19 38	2.1 .17 34	2.4 .10 20		.00	25 •41 82		.02				==		18 3	1E 0.2
07/19/71 1230	5050 5050	2.70 64	7.8 98	88 82		7.3 7.5	62 66	5.9 .29 44	3.0 .25 38	3.6 .16 24		.00	33 •54 82		1.0 .03 5						27 0	9E 0.3
08/05/71 0730	5050	2.45 32	7.5 90	77 25	F C	7.5	73												==			
09/03/71 0830	5050 5050	2.25	7.6 85	70 21		7.4 7.5	79 80	8.4 .42 53	2.4 .20 25	4.8 .21 26		.00	42 •69 86		2.4 .07 9						31 4	1E 0.4
	81	2100.	00		cos	SUMNES	RIVE	R. NORT	H FORE	K, NEAR	R EL	DORAD	Ð									
11/10/70 1500	5050 5050		10.5 102	58 14		7.2 7.6	78 70	7.1 .35 50	2.0 .16 23	3.1 .13 19		.00	28 •46 66		3.6 .10 14						26 3	0.3
01/15/71 1500	5050 5050	3.40 241	12.8 103	43 6	F C	7.0 7.6	88 86	9.4 .47 55	2.6 .21 24	3.8 .17 20		.00	38 •62 72		8.8 •25 29				==		34 3	9E 0•3
03/10/71 1345	5050 5050		12.2	47 8		7.3 7.3	62 62	5.7 .28 45	2.4 .20 32	2.8 .12 19		.00	28 •46 74		1.5 .04 6				==		24 1	3E 0•2
05/18/71 1145	5050 5050	3.62 319	10.9 104	56 13		7.0 7.5	40 37	3.3 .16 43	1.2 .10 27	2.0 .09 24		.00	20 •33 89		.3 .01 3						13	1E 0.2
07/19/71 0840	5050 5050	2.25 37	7.5 87	74 23	F C	7.3 7.4	49 69	4.9 .24 35	3.8 .31 45	3.0 .13 19		.00	26 •43 62		1.0 .03 4						28 6	0.2 6E
09/03/71 1130	5050 5050	2.00	9.1 100	69 21		7.4 7.6	55 58	6.3 .31 53	1.0 .08 14	4.4 •19 33		.00	30 •49 84		2.0 .06 10						20 5	1E 0.4

TABLE D-2 (CONTINUED) MINERAL ANALYSES OF SURFACE WATER

DATE	SAMPLER LAB	G.H. Q DEPTH	00 SAT	TE	MP	FIE LABOR PH		MINE	ERAL CO	ONSTITE	UENTS K	IN F	AILLIGA AILLIEG PERCENT HCO3	UIVALE RFACT	NTS PE	R LIT	ER 8	LIGRAH > F. 5102	S PER I	LITER TH NCH	TUR8 SAR
				• • •	• •		. 0 . 1					• • •						• • •			• • •
11/10/70		3150	7.9	54	F	7.1	5 K I V t	. K+ MII 5.9	1.3	2.6	EAR 50	.0 .0	26		2.7					20	
1620	5050	34	73	12	Ċ	7.7	54	.29 54	.11	·11		.00	.43 80	_	.08 15		_			5	0.3
01/15/71 1320	5050 5050	4.80 124	12.9 99	40	F C	7.0 7.6	49 48	5.3 .26 54	1.4 .12 25	2.2 .10 21		.00	25 •41 85		1.8 .05 10					19	5E 0.2
03/10/71 1230	5050 5050	4.71 112	12.1 101	46 8	F C	7.4 7.4	43 43	3.6 .18 42	1.5 .12 28	2.3 .10 23		.00	23 •38 88		.00					15	2E 0.3
05/18/71 1040	5050 5050	5.74 323	11.4 101	50 10	F C	7.0 7.5	30 30	2.5 .12 40	1.2 .10 33	2.2 .10 33		.00	17 •28 93		.00					11 3	0E 0.3
07/19/71 1120	5050 5050	4•20 55	7.6 92	78 26	F C	7.2 7.5	47 49	4.8 .24 49	1.7 .14 29	2.6 .11 22		.00	25 •41 84		.00					19	4E 0.3
09/03/71 1000	5050 5050	3.54 12	9.1 96	65 18	F C	7.3 7.5	55 57	7.1 .35 61	1.0 .08 14	3.8 .17 30		.00	31 •51 89		1.5 .04 7					22 4	1E 0.4
	81	4110.	01		ÇO	SUMNES	RIVE	R. SOL	JTH FOR	RK. AT	RIVER	PINE	5								
11/10/70 1550	5050 5050		9.9 93	55 13	F C	7.5 7.8	120 118	.55 47	6.0 .49 42	4.3 .19 16		.00	56 •92 78		5.3 .15 13			==		52 6	0.3
01/15/71 1230	5050 5050	96	11.7 94	43 6	F C	7.1 7.5	80 79	9.3 .46 58	2.9 .24 30	3.1 .13 16		.00	.67 85		2.5 .07 9					35 2	7E 0.2
03/10/71 1130	5050 5050	22	12.0 101	46 8	F C	7.5 7.8	90 92	8.6 .43 48	3.5 .29 32	3.2 .14 16		.00	.77 .86		2.0 .06 7			,		36 3	3E
05/18/71 0930	5050 5050	1,7	10.2 97	56 13	F C	7.3 8.0	110 104	9.3 .46 44	4.6 .38 37	3.8 .17 16		.00	58 •95 91		1.8 .05 5					42 6 -	1E 0.3
07/19/71 1000	5050 5050	2.1	7.7 91	76 24	F C	7.3 7.5	126 127	.60 47	6.1 .50 39	5.3 .23 18		.00	69 1.13 89		2.0 .06 5					55 2	4E 0.3
09/03/71 0930	5050 5050	1.5	6.9 71	63 17	F C	7.3 7.5	145 151	15 •75 50	6.7 .55 36	4.6 .20 13		.00	81 1.33 88		4.4 .12 8					65 2	1E 0.2
													-								
	82	1150.	00		DR	Y CREE	K NEA	R IONE							- 0						
11/10/70 1225	82 5050 5050	1150. 2.81 3.7	9.8 96	58 14	DR F C	7 CREE 7.5 7.7	K NEA 470 493	7 IONE 53 2.64 54		12 .52 11		.00	180 2.95 60		14 •39 8					24T 93	0.3
	5050	2.81	9.8		F	7.5 7.7 7.4 7.6	470	53 2.64	26 2•17	12 •52			180 2.95		14 •39 8 4•3 •12						0.3 5E 0.3
01/15/71 1230 03/10/71 1015	5050 5050 5050 5050 5050	2.81 3.7 4.36 159 3.20	9.8 96 11.9 100	14 46 8 49	F C F C	7.5 7.7 7.4 7.6 7.9 8.1	470 493 155 152 310 305	53 2.64 54 16 .80 53 33 1.65 54	26 2.17 44 6.6 .54 36 15 1.27 42	12 .52 11 4.9 .21 14 7.8 .34		.00	180 2.95 60 63 1.03 68 136 2.23 73		14 .39 8 4.3 .12 8 5.1 .14					93 67 16 146 35	5E 0.3 2E 0.3
1225 01/15/71 1230 03/10/71	5050 5050 5050 5050 5050 5050 5050	2.81 3.7 4.36 159 3.20 17	9.8 96 11.9 100 11.8 103	14 46 8	F C F C	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6	470 493 155 152 310 305 315 331	53 2.64 54 16 .80 53 33 1.65 54 35 1.75	26 2.17 44 6.6 .54 36 15 1.27 42 16 1.39 42	12 .52 11 4.9 .21 14 7.8 .34 11 8.5		.00	180 2.95 60 63 1.03 68 136 2.23		14 •39 8 4•3 •12 8					93 67 16	5E 0.3
01/15/71 1230 03/10/71 1015 05/18/71 0820	5050 5050 5050 5050 5050 5050 5050	2.81 3.7 4.36 159 3.20 17 3.10 12	9.8 96 11.9 100 11.8 103 9.4 95	46 8 49 9 61 16	F C F C	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6	470 493 155 152 310 305 315 331	53 2.64 54 16 .80 53 33 1.65 54 35 1.75	26 2.17 44 6.6 .54 36 15 1.27 42 16 1.39 42	12 .52 11 4.9 .21 14 7.8 .34 11	 	.00 .00 .00	180 2.95 60 63 1.03 68 136 2.23 73 149 2.44		14 •39 8 4.3 •12 8 5.1 •14 •5					93 67 16 146 35	5E 0.3 2E 0.3
1225 01/15/71 1230 03/10/71 1015 05/18/71	5050 5050 5050 5050 5050 5050 5050	2.81 3.7 4.36 159 3.20 17	9.8 96 11.9 100 11.8 103	14 46 8 49 9	F C F C	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6	470 493 155 152 310 305 315 331	53 2.64 54 16 .80 53 33 1.65 54 35 1.75	26 2.17 44 6.6 .54 36 15 1.27 42 16 1.39 42	12 .52 11 4.9 .21 14 7.8 .34 11 8.5	 	.00 .00 .00	180 2.95 60 63 1.03 68 136 2.23 73 149 2.44		14 •39 8 4.3 •12 8 5.1 •14 •5				•	93 67 16 146 35	5E 0.3 2E 0.3
01/15/71 1230 03/10/71 1015 05/18/71 0820	5050 5050 5050 5050 5050 5050 5050 505	2.81 3.7 4.36 159 3.20 17 3.10 12	9.8 96 11.9 100 11.8 103 9.4 95	46 8 49 9 61 16	F C F C MOI	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 KELUMN	470 493 155 152 310 305 315 331 E RIV 52	53 2.64 54 16 80 53 31.65 54 35 1.75 53 ER NEA	26 2.17 44 6.6 554 36 15 1.27 42 16 1.39 42 R MOKE	12 .52 11 4.9 .21 14 7.8 .34 11 8.5		.00 .00 .00	180 2.95 60 63 1.03 68 136 2.23 73 149 2.44		14 •39 8 4.3 •12 8 5.1 •14 •5					93 67 16 146 35	5E 0.3 2E 0.3
01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145	5050 5050 5050 5050 5050 5050 5050 89	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40	9.8 96 11.9 100 11.8 103 9.4 95	46 8 49 9 61 16	F C F C MOI	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 KELUMN	470 493 155 152 310 305 315 331 E RIV 52	53 2.64 54 16 80 53 31.65 54 35 1.75 53 ER NEA	26 2.17 44 6.6 554 36 15 1.27 42 16 1.39 42 R MOKE	12 .52 11 4.9 .21 .14 7.8 .31 11 8.5 .37 11		.00 .00 .00	180 2.95 60 63 1.03 68 136 2.23 73 149 2.44		14 •39 8 4.3 •12 8 5.1 •14 •5				-	93 67 16 146 35 157 24	5E 0.3 2E 0.3
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145	5050 5050 5050 5050 5050 5050 5050 89	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40	9.8 96 11.9 100 11.8 173 9.4 95 00 10.6 94 2 118.	46 8 49 9 61 16	F C F C SAI	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 KELUMN 7.0	470 493 155 152 310 305 315 331 E RIV 52	53 2.64 54 16 .80 33 1.65 54 35 1.75 53 ER NEA	26 2.17 44 6.6 .54 36 1.27 42 16 1.39 42 R MOKE	12 .52 11 4.9 .21 .14 7.8 .31 11 8.5 .37 11	RIDGE	.00 .00 .00 .00 .00	180 2.95 60 63 1.03 68 136 2.23 73 149 2.44	 72 1.50 19	14 · 39 · 8 · 4 · 3 · 12 · 8 · 14 · 5 · 5 · 4 · 8 · 14 · 4			=======================================	449 448	93 67 16 146 35	5E 0.3 2E 0.3
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145 10/06/70 0847	\$050 \$050 \$050 \$050 \$050 \$050 \$050 \$050	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40	9.8 96 11.9 100 11.8 103 9.4 95 00 10.6 94 2 118. 9.3	14 46 8 49 9 61 16 50 10 4	F C F C SAI	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 8.6 KELUMN 7.0	470 493 155 152 310 305 331 331 52 52	53 2.64 54 160 .53 33 1.654 35 1.75 53 ER NEA	26 2.17 44 6.6 .54 36 15 1.27 42 16 1.39 42 R MOKE	12 .52 11 4.9 .21 14 7.8 .34 11 11 8.5 .37 11 ELUMNE	3.6	.00 .00 .00 .00 .00 .00 .23 .7	180 2.95 60 63 1.03 2.23 73 149 2.44 74	1.50	14	 7.4		== == == ==		93 67 16 146 35 157 24	5E 0.3 2E 0.3 1E 0.3
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145 10/06/70 0847 10/22/70 11/09/70	\$050 \$050 \$050 \$050 \$050 \$050 \$050 \$050	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40 0 747.	9.8 96 11.9 100 11.8 103 9.4 95 00 10.6 9.4 9.3 8.3 8.5 7.8	14 46 8 49 9 61 16 50 10 4	FC FC MOI FC SAI	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 8.6 8.6 7.0	470 493 155 152 310 305 331 331 52 840 844 820	2.64 54 16 80 53 33 1.65 54 35 1.75 53 ER NEA 	26 2.17 44 6.6 .36 15 1.27 16 1.39 42 16 1.39 42 T MOSS	12 .52 11 4.9 .21 14 7.8 .34 11 8.5 .37 11 :LUMNE DALE 8	3.6 .09 1	.00 .00 .00 .00 .00 .23 .7	180 2.95 60 63 1.03 1.03 2.23 1.49 2.44 74 74	1.50 19 79 1.64	14	7.4 12 8.3	.30		448	93 67 16 146 35 157 24	5E 0.3 2E 0.3 1E 0.3
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145 10/06/70 0847 10/22/70 11/09/70 1430 12/09/70	\$050 \$050 \$050 \$050 \$050 \$050 \$050 \$050	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40 0 747. 6 2.00	9.8 96 11.9 100 11.8 103 9.4 95 00 10.6 9.4 9.3 8.3 85 7.8 81	14 46 8 49 9 61 16 50 10 4 62 17 63 17	FC FC FC MOI FC FC FC FC FC	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 8.6 7.0 7.0 7.4 8.3	470 493 155 152 310 305 331 52 331 52 844 844 820 858	2.164 54 166 .80 53 33 1.65 54 35 1.75 53 2.10 2.10 2.10 2.10 2.10	26 2.17 44 6.6 5.5 36 1.27 16 1.39 42 16 1.39 42 17 17 17 17 17 17 17 17 17 17 17 17 17	12 .52 11 4.9 .21 14 7.8 .34 11 8.5 .37 11 11 8.5 .37 11 11 ELUMNE PALE 8	3.6 .09 1 5.0 .13 2	.00 .00 .00 .00 .00 .00 .23 .7	180 2.95 60 63 1.03 1.03 1.03 1.03 1.03 1.03 1.03 1.0	1.50 19 79 1.64 19 46	14	7.4 -12 2 8.3 .13 2	.30		448 498 477 244	93 67 16 146 35 157 24	5E 0.3 2E 0.3 1E 0.3 30E 2.9 10E 3.1
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145 10/06/70 0847 10/22/70 11/09/70 1430 12/09/70 1315 01/05/71	\$050 \$050 \$050 \$050 \$050 \$050 \$050 \$050	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40 0 747. 6 2.00 2.73 4.53	9.8 96 11.9 100 11.8 103 9.4 95 00 10.6 9.3 8.3 8.5 7.8 8.1 9.1 8.5	14 46 8 49 9 61 16 50 10 4 62 17 63 17 54 12 45 7	FC FC FC MOI FC SAI FC FC FC FC FC	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 KELUMN 7.0 7.4 8.3 7.6 7.6 7.6	470 493 1155 1152 310 305 315 331 52 310 52 310 844 410 419 320 351 375	53 2.64 54 16 .80 53 33 31 .65 54 35 54 35 1.75 53 2.15 27 2.10 25 18 .90 22	26 2.17 44 6.6 .36 15 1.27 42 16 1.39 42 R MOKE T MOSS 1.73 22 1.73 21 1.73 21 1.29 21 1.29 21 21 21 21 21 21 21 21 21 21 21 21 21	12 .52 11 4.9 .21 14 7.8 .34 11 11 8.5 .37 11 ELUMNE .2 4.00 50 100 4.35 52 2.13 52 2.13 52 81.65	3.6 .09 1 5.0 .13 2 2.5 .06 1	.00 .00 .00 .00 .00 .23 .7 	180 2.95 60 63 1.03 1.03 149 2.44 74 74 162 2.66 34 168 2.73 35 1.39 35 1.39	1.50 19 79 1.64 19 46 .96 24 36	144 .399 8 8 4.3 1.14 5 8 8 5.1 1.14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.4 .12 2 8.3 .13 2 5.6 .09 2	.30		448 498 477 244 228	93 67 16 146 35 157 24	5E 0.3 2E 0.3 1E 0.3 30E 2.9 10E 3.1 45E 2.2
1225 01/15/71 1230 03/10/71 1015 05/18/71 0820 06/02/71 1145 10/06/70 0847 10/22/70 1140 11/09/70 12/09/70 1315 01/05/71 1415 02/18/71	\$050 \$050 \$050 \$050 \$050 \$050 \$050 \$050	2.81 3.7 4.36 159 3.20 17 3.10 12 1375. 4.40 747. 6 2.00 2.73 4.53	9.8 96 11.9 100 11.8 103 9.4 95 00 10.6 9.3 85 7.8 81 11.9 98 10.8	46 8 49 9 61 16 50 10 10 4 4 5 7 53 12 54.	FC FC FC MOI FC SAI FC FC FC FC FC OF	7.5 7.7 7.4 7.6 7.9 8.1 7.8 8.6 KELUMN 7.0 7.4 8.3 7.6 7.6 7.6 7.7	470 493 1155 1152 310 305 315 331 52 310 52 310 844 410 419 320 351 375	2.64 54 16.80 53 33 1.65 54 35 1.75 53 2.15 27 2.10 2.10 2.10 2.10 2.10 2.10 2.10 2.10	26 2.17 44 6.6 6.5 6.36 1.27 1.27 42 1.39 42 R MOKE T MOSS 1.73 22 1.73 21 1.73 21 1.29 24 9.0 7.4 22	12 .52 11 4.9 .21 14 7.8 .34 11 11 11 11 11 11 11 11 11 11 11 11 11	3.6 .09 1 5.0 .13 2 2.5 .06 1 1.7 .04 1 1.8 .05	.00 .00 .00 .00 .00 .00 .00 .00	180 2.95 60 63 1.03 1.03 1.23 1.49 2.44 74 74 74 1.62 2.66 3.33 8.5 1.39 1.39 1.21 3.7 1.21	1.50 19 79 1.64 19 46 .96 24 36 .75 23 52 1.08	144.39 8 4.33 1.22 8 5.11 1.14 4 4 5 5 4.8 1.14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7.4 .12 2 8.13 2 5.6 6.09 2 3.5 .06 2	.30		448 498 477 244 228 201 187	93 67 16 146 35 157 24	5E 0.3 2E 0.3 1E 0.3 1E 0.3 30E 2.9 10E 3.1 45E 2.2 8E 1.8

DATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TE		IELD ORATORY EC			ONSTITI		IN	PERCEN	T REAC	ENTS PI	ER LIT VALUE			TOS	TH	TURB
							. CA	MG	NA NA	* * *	* * ·	HC03	504	. CL	NO3		\$102	SUM * * *	NCH	SAR
		D 747.				OAQUIN		AT HOSS	DALE E	RIDGE				CONTI	NUED					
05/14/71 1315	5050	1.80	12.0 131	68.0 20.0		2 600														
07/15/71 0830	5050 5050	1.10	12.1 147	78 26	F 8. C 7.			24 1.97 23	97 4•22 49	3.4 .09 1	.00	161 2•64 31	80 1.67 20	146 4.12 48	6.4 .10 1	.30		502 481	210 79	35E 2•9
09/29/71 0930	5050 5050		8.6 91		F 7. C 7.			2.0 .16	76 3.31 63	3.5 •09 2	.00	150 2.46 36	54 1•12 17	110 3.10 46	6.1 .10 1	•20	==	434 360	161 30	57E 3.4
	89	D 748.	3 126.	9	OLD R	IVER AT	TRACY	ROAD 8	BIDGE											
10/13/70 1250	5001 5006	3	9.4 101		F 7.	8 826	47 2.35 28	1.73 21	93 4.05 49	5.8 .15 2	.00	188 3.08 38	65 1.35 16	131 3.69 45	4.4 .07 1	•30	19.0	522 479	204 50	33A 2.8
10/20/70 0500	5001	3	7.7 78	61 16																
11/05/70 0730	5001		8.3 80	57.2 14.0	PF IC												==			
11/17/70 1230	5001 5006	3	9.7 96		F 7.	1000											==			12A
02/17/71 1415	5001 5006	3	11.0 102		F 7.	4 577														17A
03/22/71 1220	5001 5006	3	9•2 95		F 7.	7 660											==			14A
04/28/71 1450	5001 5006	3	14.4 148		F 8.0	900	50 2.50 29	22 1•81 21	100 4.35 50	4.2 .11 1	8.0 .27 3	137 2.25 26	100 2.08 24	147 4•15 47	3.5 .06	.40	14.0	553 516	216 90	22A 3.0
05/18/71 1500	5001 5006	3	16.5 180	68 20	F 7.0	762											==			25A
06/03/71 1305	5001 5006	3				769											==			
06/09/71 1528	5001 5006	3	12.7 139		F 8.9	785														32A
07/15/71 1510	5001 5006	3	15.0 183		F 8.1	936	50 2.50 27	25 2.06 22	106 4.61 50	4.8 .12 1	14 •47 5	148 2•43 26	95 1•98 21	160 4•51 48	.4 .01	•30	6.8	560 535	228 83	25A 3.1
08/09/71 1305	5001 5006	3	11.0 134		F 8.6	1030									3.5 .06 1		==			30A
09/13/71 1425	5001 5006		10.3 123		F 8.2	1014	••								2.2 .04					23A
	89	D 748.5	120.0	0	OLD RI	VER BEI	OW HEA	D												
10/20/70 0610	5001		9.0 91	61 16																
11/05/70 0905	5001		9.1 90	59.0 15.0	F C															
	В9	D 749.3	122.5	5	OLD RI	VER AT	JUNCTI	ON WIT	H MIDO	LE RI	VER									
10/20/70 0540	5001	3	8.7 88	61 16																
11/05/70 0805	5001	•	9•0 89	59.0 15.0	F C															
	89	0 749.5	133.1	١ .	OLD RI	VER AT	CLIFTO	N COUR	T FERR	Y										
05/14/71 1200	5050		9.2 101			260														
10/0//70		D 751.9		3	SAN JO	AQUIN	RIVER A	T BRAN	DT BRI	DGE										
10/06/70 0748		11	8.7														==			
		0 752.6								NEAR	HOLT									
10/13/70 1215	5001 5006	3	10.7 115	19	С	683	39 1.95 43	17 1•40 31		4.0 .10 2	.00	146 2.39 35	50 1.04 15	120 3.38 50	•00 .	•00	11.0	428 338	168 48	58A 0.8
11/17/70 1140	5001 5006		10.8 104			950														23A

DATE TIME	SAMPLER LAB	G.H. Q DEPTH	NO SAT	76	EMP	F I I L 4801 PH				DNSTITU		IN !	4ILL I GR	REACT	ENTS PE	R LITE		LLIGRAMS F. SIO2	PER TDS SUM	LITER TH NCH	TURB SAR
				^ •			0.5450	 		001005							• •		*.*		• • •
02/17/71 1350		D 752.	10.8 100		F C	7.5	599		LIAMS	8R1DGE					CONT I						21 A
03/22/71 1110	5001 5006	3	10.4 105	61 16	F C	7.7	700											==			24A
04/28/71 1415	5001 5006	3	9.4 99	64 18	F C	7.6	765	41 2.05 32	17 1.40 22	67 2•91 45	3.7 .09	.00	104 1.70 27	60 1.25 20	118 3.33 52	5.8 .09	.20	14.0	455 378	173 88	35A 2.2
05/18/71 1425	5001 5006	3	8.8 94	66 19	F C	7.1	511														50A
06/03/71 1320	5001 5006	3					762														
06/09/71 1445	5001 5006	3	10.2 114	70 21	F C	8.6	685														40A
07/15/71 1405	5001 5006	3	7.1 87	79 26	F C	7.1	242	19 •95 40	7.5 .62 26	18 •78 33	1.9 .05 2	.00	67 1.10 45	.56 23	26 •73 30	1.8 .03 1	.00	14.0	170 148	79 24	60A 0.9
08/09/71 1340	5001 5006	2	6.8 84	81 27	F C	7.5	236									1.1 .02 1					39A
09/13/71 1500	5001 5006	3	8.8 106	77 25	F C	7.5	233									.01					65A
		D 753.					RIVER	AT BOR													
10/13/70 1135	5001 5006	, 3	8.0 86	66 19	F C	7.3	263	17 •85 32	8.6 .71 27	23 1.00 38	2.4 .06 2	.00	88 1.44 55	.35 13	.82 31	1.8 .03 1			142	78 6	34A 1.1
11/17/70 1050	5001 5006	3	8.8 87	59 15	F C	7.3	425														204
01/11/71 1200	5001 5006			46 8	F C		484			47 2.04 42					67 1.89 39				341		
02/08/71 1135	5001 5006			50 10	F C		604			3.00 50					2.43 40			==	387		
02/17/71 1300	5001 5006	3	9.9 92	54 12	F C	7.0	719											==			33A
03/08/71 0915	5001 5006			54 12	F C		390			41 1.78 46					50 1.41 36				256		
03/22/71 1030	5001 5006	3	10.2 101	59 15		7.6	300					,									20A
04/28/71 1335	5006	3	9.8	64 18	F C	7.8	275	.90 33	7.8 .64 24	25 1.09 41	2.3 .06 2	.00	74 1.21 46	.58 22	.82 31	.00		==	185 146	77 17	30A 1.2
05/10/71 0930	5001 5006			61 16	С		258			.96 37					.79 31				170		
05/18/71 1340	5001 5006	3	10.2 109	66 19	F C	7.2	243											==			33A
06/03/71 1250	5001 5006	1					265														
06/09/71 1350	5001 5006	3	10.0 109	20 68	С	7.8	247														35A
07/15/71 1330	5006	3	7.2 86	77 25	С	7.5	182	15 •75 40	6.4 .53 28	13 •57 30	1.5 .04 2	.00	63 1.03 55	19 •40 22	15 .42 23	.9 .01 1			127 102	64 13	28A 0.7
08/09/71 1210	5001 5006			79 26	F C		157			11 •48 31					10 .28 18				105		
08/09/71 1230	5001 5006	5	8.0 98	79 26	F C	7.6	164									.01		==			30A
09/13/71 1350	5001 5006	3	8.8 104	75 24	F C	7.3	181									.00					19A

DATE	SAMPLER LAB	G.H. Q DEPTH	00 54T	TE	- 1		LO ATORY EC	MIN	ERAL C	TITEMO	UENTS	IN	MILLIGA MILLIEC PERCENT	DUIVALE	ENTS PI	ER LIT	ER B	LLIGRA) F	45 PER	LITER	TURB
	• • • •				• • •			CA	MG		• • ·	C03	HC03	504	CL	NO3		2105	SUM		SAR
	39	0 756.	1 125	.8	WH)	ISKY	SLOUGH	AT H	OLT												
10/13/70 1050	5001 5006	3	6.4 69	66 19	F C	7.1	394	22 1.10 29	11 •90 24	1.74			98 1.61 40	34 •71 18	58 1.64 41	1.3 .02	.00	8.0	236 236	100 20	27A 1.7
11/17/70 1005	5001 5006	3	6.3 61	57 14	F C	7.2	800														17A
02/17/71 1210	5001 5006	3	9.2 85	54· 12	F C	7.0	1030		,												22A
03/22/71 0950	5001 5006	3	11.0 111	61 16		7.7	9500														11A
04/28/71 1250	5001 5006	3	12.0 129	66 19	F C	9.1	630	34 1.70 28	15 1.23 21		3.6 .09 2	8.0 .27 5	82 1.34 23	70 1.46 25	100 2.82 48	.00	.30	1.1	377 340	147 66	18A 2.4
05/18/71 1315	5001 5006	3	7.9 86	68 20	F C	7.2	636														23A
06/03/71 1230	5001 5006	3					649														
06/09/71 1314	5001 5006	3	7.0 76	88 20	F C	7.4	510														184
07/15/71 1255	5001 5006	3	10.4 127	79 26	F C	8.4	426	27 1.35 32	11 .90 21	44 1.91 45	2.9	.00	87 1.43 35	50 1.04 25	58 1.64 40	.00	.00	1.2	272 237	113 41	20A 1.8
08/09/71 1145	5001 5006	3	6.5 81	81 27	F C	7.8	338									.00					25A
09/13/71 1310	5001 5006	3	7.8 95	79 26	F C	7.1	325									.00					12A
	89	0 757.6	3 121.	9	510	CKTO	SHIP	CHANN	EL AT	BURN5	CUTOF	F									
10/06/70 0633	5050	16	3.7															==			
	89	0 758.7	7 122.	9	SAN	JOAG	UIN R	IVER A	T BUC	KLEY CO	DVE										
10/12/70 1330	5001 5006	2	7.7 84	68 20	F C	7.7	687	37 1.85 27	17 1.40 20	80 3.48 51	6.0 .15 2	.00	166 2.72 39	60 1.25 16	106 2.99 42	5.3 .09	.30	19.0	436 412	163 27	30A 2.7
11/16/70 1245	5001 5006	2.	7.0 71	61 16	F C	7.5	906														19A
02/17/71 1135	5001 5006	3	10.7 99	54 12	F C	7.2	420											==			15A
03/22/71 1305	5001 5006	3	8.6 85	59 15	F C	7.2	587			••											9≜
04/28/71 1135	5001 5006	3	13.0 137		F C	8.5	610	35 1.75 30	14 1.15 20	65 2.83 48	4.5 .12 2	.00	123 2.02 35	55 1.15 20	89 2.51 44	4.4 .07 1	.30	6.0	373 334	145 44	14A 2.3
05/18/71 1220	5001 5006	3	10.7 115	65 19	F C	7.2	592											==			22A
06/03/71 1115	5001 5006	1					667														
06/09/71 1230	5001 5006	1	8.3 92	70 21	F C	8.1	566											==			26A
07/15/71 1215	5001 5006	2	6.9 83	77 25	F	7.7	460	30 1.50 34	12 •99 22	43 1.87 42	3.5 .09 2	.00	99 1.62 37	40 .83 19	69 1.95 44	1.2	.00	2.1	286 249	125 44	21A 1.7
08/09/71 1100	5001 5006	2	8.0 98	79 26	F C	7.7	289									.7					214
09/13/71 1200	5001 5006	5	4.7 56	77 25	F C	7.3	538									4.3 .07					124
	89	D 759.8	125.	1	SAN	JOAQ	UIN RI	VER A	T R1N0	GE PUM	P										
06/02/71 1015	5050	0.71	9.5 102	66 19	F C	8.0	540														

DATE TIME	SAMPLER L48		DO SAT	TE	L	FIELD ABORATUR PH EC					N MII PEF	LLIGRAM LLIEGUI RCENT R HCO3	VALENT	S PE	R LITER ALUE	В	L1GRAH5 F 5102	TOS		TUR8 SAR
			• • •	• •	• •	• • • •		• • •	• • •	• • •			• • •	• •	• • •	• •		• • •	• • •	• • •
10/06/70 0605		n 759.9	4.0	5	SAN	JOAQUIN	RIVER AT		ND 24									•		
	89	D 800.5	134.6	3	OLD	RIVER A	T HOLLAND	TRACT												
10/08/70 1430	5001 5006	3	8.7 93		F C	7.6	- -													29A
01/11/71 1115	5001 5006				F C	490	 5													
02/08/71 1100	5001 5006			50 10	F C	53											·			
03/05/71 1145	5001 5006		11.9 105	50 10	F i	7.9 28											17.0			25A
03/08/71 1225	5001 5006			50 10	F C	25														
04/06/71 1215	5001 5006	3	9.7 96	59 15		6.9 18:														40A
05/04/71 1400	5001 5006	3	10.4 107	63 17	F C	7.2	 B										14.0			25A
05/10/71 0910	5001 5006	J		72 2 2	F C	16	- -													
06/02/71 1330	5001 5006	,	9.3 100	66 19	F C	7.5 14											12.0			264
06/30/71 1225	5001 5006		8.9 103	73 23	F C	7.7	 3										13.0			22A
08/03/71 1520	5001 5006	3	8.3 101		F C	7.0	- -										12.0	•		24A
08/09/71 1125	5001 5006	3		75 24	F C	15											==			
08/31/71 1600	5001 5006	3	9.0 102		F C	7.1 16	- -										12.0	-		22A
09/28/7] 1250	5001 5006	3	9.6 103		F C	7.7	- -										8.3			23A
	89	0 800.7	138.4	4	DUT	CH 5LDUG	H AT BETH	EL 15L	AND BR	IDGE										
10/08/70 1330	5001 5006	3	8.6 90			7.7 23	0													30A
01/11/71 1045	5001 5006			43 6	F C	48	4													
02/08/71 1035	5001 5006			50 10	F C	50	- -										==			
03/05/71 1250	5001 5006		11.9 105	50 10	F C	A.0 31	- -										17.0			31 A
03/08/71 0845	5001 5006			50 10	F C	31	2-													
04/06/71 1300	5001 5006	3	9.6 95	59 15	F C	6.9											==			45A
05/04/71 1440	5001 5006	3	10.1 104	63 17	F C	7.6 18											14.0			24A
05/10/71 0945	5001 5006			64 18	F C	19	0										==			
06/02/71 1410	5001 5006	3	10.1 108	66 19	F C	7.5 19	- -										10.0			16A
06/30/71 1300	5001 5006	3	8.1 94	73 23	F C	7.6 17	3										12.0			23A
08/03/71 1600	5001 5006	3	7.8 97	81 27	F C	7.3	1										11.0			23A

							ERAL A	NAL YSE	S 0F	SURFA	CE WA	TER							
DATE	SAMPLER G.H. LAB Q DEPTH	DO SAT	TE		FIEL LABORA PH						IN M	ILLIGRA ILLIEOU PERCENT	REACT	NTS PE ANCE V	R LITER	8	F	PER LITE	TH TURB
			• •	• •		• • •	• • • •			• •	• • •	HC03				• •	5102	SUM N	CH SAR
	B9 D 800.	7 138.			TCH SL	DUGH A	T BETH	EL ISL	AND BI	RIDGE			•	CONTIN	UED				
08/09/71 1050	5001 5006		73 23	C		204													
08/31/71 1630		9.1 103	72 22	F C	7.7	265											9.7		20A
09/28/71 1400	5001 5006	9.6 103	66 19		7.6	194											3.3		20A
	89 D 801.	1 142.	6	81	G BREA	K NEAR	DAKLE												
10/07/70 1305	5001 5006 3	9.6 101	64 18	F C	7.8	164									.00		13.0		34A
11/23/70 1210	5001 5006 3	9•8 95	57 14		7.5	183									1.6 .03 2		17.0		17A
03/03/71 0940	5001 5006 3	11.5 102	50 10		6.8	255					.00	74 1.21 47			1.3 .02 1		17.0		20A
03/24/71 1515	5001 5006 3	10.7 103	57 14	F C	7.7	192					.00	71 1.16 60					12.0		29A
04/06/71 1440	5001 5006 3	10.3 102	59 15		7.5	151					.00	60 •98 65			.01 1		15.0		50A
04/21/71 1415	5001 5006 3	10.9 108	59 15		7.8	142											16.0		26A
05/05/71 1425	5001 5006 3	12.1 122	61 16	F C	7.8	143					.00	1.00 70			.00		15.0		23A
05/19/71 1510	5001 5006 3	10.4 111	66 19	F C	7.7	158											14.0		20A
06/03/71 1450	5001 5006 3	10.3 110	66 19	F C	7.7	151					.00	68 1.11 74			.1		12.0		17A
06/16/71 1340	5001 5006 3	10.4 120	73 23		7.4	133											14.0		25A
07/01/71 1315	5001 5006 3	10.3 117	72 22		7.7	141					.00	60 •98 70			.00		13.0		20A
07/15/71 1330		9.6 111	73 2 3	F C	7.9	161											12.0		19A
08/04/71 1605		9.2 -110	77 25	F C	8.0	179					.00	60 •98 55			.8 .01 1		12.0		19A
08/17/71 1725	5006	9.2 110	25	С		217											14.0		19A
09/01/71 1620	5006 3	10.0 116	23	С		169					.00	65 1.07 63			.00		13.0		18A
09/15/71 1600	5006	9.8 115	24	С		160											12.0		15A
09/29/71 1430	5006	10.6 114	19	С		158					.00	1.13 72			.00		9.2		18A
05 (14 (71	89 D 801.					UIN RIV	ER AT	ANTIO	ЭН										
05/14/71 0745	2020 1.30.	8.7 91	17.	8C	7.6	110													
	89 D 801.	2 148.	5	SA	DAOL P	UIN RIV	ER AT	001T/A	CH SHI	P CH	ANNEL								
10/07/70 1230		9.5 100	64 18	F C	7.5	396									.00		13.0		36A
11/20/70 1205	5001 5006	10.5	57 14		7.2	196									1.4 .02 1		17.0		23A
01/12/71 1015	5001 5006		45 7			298													
02/09/71 1120	5001 5006		50 10			287											==		
03/03/71 0835	5001 5006	11.4	50 10	F C	6.9	265					.00	66 1.08 41			1.3 .02 1		17.0		25A

DATE TIME	SAMPLER G.H. LAB O DEPTH	SA		TEMP	FIEL LABOR						IN H	ILL IEQU ERCENT	MS PER SIVALENT REACTAN	S PE	≺ LITER ALUE	M11	F	PER LITER	1 TURB
• • • •			• • •							• •		# # # HC03	-		• • •	• •		5UM NCH	H SAR
03/09/71	89 N 801 5001	.2 1		0 F			VER AT	ANT IOC		P CH	ANNEL 		c)NT IN	 UE0				
1030	5006		1	0 C	;	278													
03/24/71 1415	5001 5006	9			7.5	187					.00	1.13 60					13.0		45A
04/06/71 1320	5001 5006	10				157					.00	64 1.05 67			.00		16.0		45A
04/21/71 1315	5001 5006	10		7 F		156											16.0		23A
05/05/71 1340	5001 5006	11				161		••			.00	64 1.05 65			.00		15.0		26A
05/11/71 1000	5001 5006		6	3 F		175													
05/19/71 1410	5001 5006	109			7.7	166											14.0		14A
06/03/71 1410		10		4 F 8 C		170					.00	152 2.49 146			.00		12.0		14A
06/16/71 1225		10 11			7.3	150											14.0		184
07/01/71 1225	_	8		2 F	7.7	187					.00	63 1.03 55	~-		.00		13.0		184
07/15/71 1235	5001 5006	8		2 F	7.8	337											12.0		214
08/04/71 1515	5006	8 10			7.7	464					.00	64			.00		11.0		234
08/10/71 1015	5001 5006	i	79			824												•	
08/17/71 1650	5006	10	6 79		7.7	636											13.0		27A
09/01/71 1540	5001 5006	8 10	.9 7: 1 2:			279					.00	68 1.11 40			.1		15.0	•	30A
09/15/71 1530	5001 5006	8	.2 79			210											12.0		254
09/29/71 1340	5001 5006	9.	.5 66 2 19	6 F 9 C		166					.00	71 1.16 70			.1		8.9		25 A
	B9 D 801		45.2	5	AN JOA	QUIN RI	VER AT	OOLTNA	CH BRI	DGE	(AT L		2)						
10/09/70 1430	5001 5006	91	.2 66 9 19	6 F 9 C		286									•00		12.0		A02
11/20/70 1315	5001 5006	95	6 5	9 F 5 C	7.2	206									1.1 .02 1		16.0		14A
03/03/71 0920	5001 5006	12			6.7	275					.00	74 1.21 44			1.3		17.0		19A
03/24/71 1430	5001 5006	10	2 5 9 1	7 F	7.5	208					.00	71 1.16 56					13.0		29A
04/06/71 1420	5001 5006	9	.7 6 8 1			164					.00	63 1.03 63			.01		16.0		45A
04/21/71 1330	5001 5006	10				163											16.0		244
05/05/71 1400		11				155					.00	62 1.02 66			.00		15.0		26A
05/19/71 1430	5001 5006	9	.6 66 3 1	6 F 9 C	7.7	173											14.0		114
06/03/71 1430	5001 5006	9 10	.8 6 3 1			164					.00	68 1.11 68			.00		12.0		11A
06/16/71 1245	5001 5006	10 11		0 F		153											14.0		15A

DATE TIME		G.H. Q DEPTH	00 5AT	ΤE	MP	PH	TURY					IN M	ILLIGRAM ILLIEQUI PERCENT R	VALEN	NCF V	R LITER	В	LIGRAMS	TDS	TH	TURB SAR
	• • • • •												HC03				•	* * * *	9 8 9 F	* * *	9 # #
07/01/71		D 801.0	9.1				JIN RIV	ER AT	ANT10C	H BRI	DGE	(AT L	.IGHT 12) 62		ONTIN	•1					15A
1250	5006	3	103	55	С		171					.00	1.02	-		.00		13.0			
07/15/71 1250	5001 5006	3	8.5 98	73 23		7.7	250											12.0			15 A
08/04/71 1535	5001 5006	3	8.6 101		, E	7.7	383					.00	62 1.02 27			.00		11.0			19A
08/17/71 1705	5001 5006	3	8.1 95	75 24	F C	7.5	525									- -		11.0			19A
09/01/71 1600	5001 5006	3	8.6 98	72 22	F C	7.9	267					.00	68 1.11 42			.00		13.0			20A
09/15/71 1540	5001 5006	3	8.0 96	77 25	F C	7.7	185											11.0			16A
09/29/71 1405	5001 5006	3	9.4 101	66 19	F C	7.6	171					.00	70 1.15 67			.00		7.5			19A
	89	D 801.9	143.	2	SAI	DAGL P	JIN RIV	ER AT	BLIND	POINT											
10/09/70 1115	5050 5050			64.7 17.9	2F 9C		188 185								14 •39 21						
05/03/71 1105	5050 5050	3		59.9 15.9			160 155								12 •34 22			==			
06/01/71 1415	5050 5050	3		63.8			158 152								7.7 .22 14			==			
07/06/71 1225	5050 5050	3		72.8			148 139								8.4 .24 17			==			
08/03/71 1030	5050 5050	3		75.8 24.3			240 237								34 .96 41						
08/30/71 1010	5050 5050	3		69.4			178 164								16 •45 27						
	В9	D 801.9	151.	4	NEV	YORK	SLOUGH	NEAR	PITTSBI	JRG PI	TNIC				21	,					
10/09/70 1405	5001 5006	3	9.3 100	66 19		7.4	612														33A
03/03/71 0810	5001 5006		11.3 100		F C	7.2	336											17.0			28A
05/05/71 1320	5001 5006			61 16	F C	7.8	158											15.0			27A
06/03/71 1350	5001 5006	3	10.3 108	64 18	F C	7.6	189											13.0			15A
07/01/71 1200	9001 5006	3	9.3 106		F C	7.7	218											13.0			22A
08/04/71 1455	5001 5006	3	8.9 105		F C	7.8	902											13.0			27A
09/01/71 1520	5001 5006		8.8 100	72 22	F C	7.8	369											 15.0			27A
09/29/71 1315	5001 5006	3.	8.9 93		FC	7.4	206											10.0			22A
	89	3 D 802.6	136.8	3	FRA	ANKS TR	RACT NE	R RUS	505 LAM	NDING											
10/07/70 1425	5001 5006	3	9.6 101	64 18	F C	7.7	157									.5 .01		14.0			22A
11/23/70 1315	5001 5006	3	9.8 95	57 14	F C	7.2	199									1.6		17.0			17A
03/03/71 1055	5001 5006	3	12.3 109	50 10	F C	7.0	245		 ,			.00	72 1.18 48			1.3		17.0			18A
03/24/71 1645	5001 5006	3	10.7 103	57 14	F C	7.6	182					.00	69 1.13 62					14.0			30A
04/06/71 1540	5001 5006	3	10.4 103		F C	7.6	146					.00	59 .97 66			.01		16.0			45A

DATE TIME	SAMPLER G.H LAB Q DEPT	SAT	TE	мР		LD ATORY EC	MINER	AL CO		NT5	IN M	ILLIED	AMS PER UIVALEN REACTA	T5 PE	R LITER		LLIGRAMS F	PER LI	ITER TH	TURB
					• • •		CA .	MG	NA .	• K		HC03	504		ND3		\$105		NCH .	SAR
	89 D 80					TRACT	NEAR RU	5505	LANDING	,			c	ONTIN	UED					30A
04/21/71 1550	5006	10.7 106 3	59 15	F C	7.8	142										-	16.0			304
05/05/71 1600	5001 5006	12.2 126	63 17	F C	7.9	134					.00	.98 73		••	.00		15.0			26A
05/19/71 1655	5006	11.0 118	66 19	F C	7.9	147											14.0			16A
06/03/71 1615	5006	10.2 109	66 19	F C	7.7	148					.00	68 1.11 75			.00		12.0			214
06/16/71 1535	5001 5006	10.6 120 3	72 22	F C	7.7	137											14.0			26A
07/01/71 1450	5001 5006	10.4 120	73 23	F C	7.8	134					.00	.97 .72			.00		13.0			124
07/15/71 1505	5001 5006	9.5 112 3	75 24	F C	8.0	131											13.0			224
08/04/71 1730	5001 5006	9.4 111 3	75 24	F C	8.0	153					.00	.97 .63			.00		13.0			214
08/16/71 1530	5006	8.6 103	77 25	F C	7.8	175			••								14.0			194
09/01/71 1735	5001 5006	111	72 22	F C	8.2	151					.00	66 1.08 72			.00		13.0			25A
09/14/71 1650	5006	9.6 113	75 24	F C	8.1	151											13.0			184
09/29/71 1550	5001 5006	10.3 108	64 18	F C	7.8	147					.00	67 1.10 75			.00		12.0			224
	89 D 802	2.6 147.	6	5н	ERMAN	LAKE	NEAR AN'	TIOCH												
10/08/70 1300	5001 5006	9.4 99	64 18	F C	7.4	272									.00		12.0			25A
11/20/70 1240	5001 5006	10.2 99	57 14	F C	7.2	186									1.3 .02 1		15.0			21A
03/03/71 0900	5001 5006	11.5 102 3	50 10	F C	6.9	265					.00	78 1.28 48			1.3 .02 1		17.0			23A
03/23/71 1240	5001 5006	10.8 100	54 12	F C	7.2	166					.00	68 1.11 67					13.0			29A
04/06/71 1355	5006	10.4 103		F C	7.5	138					.00	65 1.07 78			.01		16.0			100A
04/20/71 1115	5001 5006	10.6 102	57 14	F C	7.3	148											16.0			27A
05/04/71 1405	5001 5006	10.7 108 3	61 16	F C	7.3	135					.00	62 1.02 76			.00		15.0			25A
05/18/71 1110	5001 5006	10.0 103	63 17	F C	7.6	154											15.0	•		15A
06/02/71 1325	5001 5006	10.4 107	63 17	F C	7.6	161					.00	68 1.11 69			.01		13.0			184
06/15/71 1035	5001 5006	9.8 107 3	68 20	F C	7.4	141											15.0			184
06/30/71 1200	5001 5006	9.7 108	70 21	F C	7.4	152					.00	60 • 98 64			.00		14.0			27A
07/14/71 0920	5001 5006	9.0 102 3	72 22	F C	7.7	253											12.0			24A
08/03/71 1625	5006	9.5 110	73 23	F C	7.9	320					.00	62 1.02 32			.00		14.0			25A
08/16/71 1330	5006	8.7 102 3	75 24	F C	7.6	414											15.0			264
08/31/71 1520	5001 5006	8.9 101 3	72 22	F C	8.1	266					.00	67 1.10 41			.00		11.0			20A

DATE	SAMPLER LAB	G.H.	DO SAT	TE	MP	FIEL	LD ATORY	MINE	RAL CO	15111	ENTS		ILLIGR. ILLIEO					ILLIGRAM	15 PER	LITER	
		DEPTH					EC	CA .	MG	NA .	K	C03	HC03	504	CL	N03		5102	TDS SUM	TH NCH	TURB SAR
	89	D 802.	6 147.	.6	SH	ERMAN	LAKE N	EAR A	NT I OCH						CONTIN	UEO					
09/14/71 1415	5001 5006	3	8.7 101	73 23	F C	7.7	173											13.0			22A
09/28/71 1320	5001 5006	3	9.4 99	64 18		7.8	166					.00	72 1.18 71			.00		12.0			A05
	89	D 802.	7 123.	3 .	DI	SAPP0	INTMENT	5L0U	GH NEAF	R LODI											
10/12/70 1145	5001 5006	3	9.3 100	66 19	F C	7.3	154	.70 44	.5.8 .48 30	8.3 .36 23	2.2 .06 4	•00	74 1.21 73	9.0 .19 11	9.0 •25 15	.01 1	.00	14.0	105 99	59 2	60A 0•5
11/16/70 1120	5001 5006	3	7.7 76	59 15	F C	7.2	377														32A
02/17/71 1710	5001 5006	3	9.3 84	52 11	F C	7.1	486														24A
03/22/71 1155	5001 5006	3	8.5 84	59 15	F C	7.1	274														30 A
04/28/71 1010	5001 5006	3	10.4 105	61 16	F C	7.2	210	16 •80 39	7.3 .60 29	14 •61 29	2.3 .06 3	.00	78 1.28 64	13 •27 14	16 •45 23	.00	•00	12.0	145 119	70 6	24A 0.7
05/18/71 1050	5001 5006		9.6 101		F C	7.2	165														27A
06/03/71 1025	5001 5006	3					139												,		
06/09/71 1050	5001 5006		7.0 78	70 21	F C	7.6	168														27A
07/15/7] 1045	5001 5006	3	7.1 84	75 24	F C	7.4	198	18	7.2 .59	12 •52	1.9	.00	80 1.31	14 •29 15	14 •39	.2	.00	9.1	139 116	75 9	40A 0+6
08/09/71 0955	5001 5006	3	6.6 81	79 26	F C	7.7	227		29 	25 			66 		20 	.4					30A
		3																			
09/13/71 1040	5001 5006		7.5 88	75 24	F C	7.3	199									.1					27A
	5006	3 D 803.	88	24	С			VER AT	 I JERSE	 Y POI	 NT										27A
	_5006 89	D 803.	88	24 3	С		199 DUIN RI 169	VER AT	 I JERSE	Y POI	 NT 					.00		14.0			27A 21A
1040	5006 89 5001 5006	D 803.	88 1 141. 8.8	24 3 68 20 64	SAI F	DAOL N	IR NIUG	 VER A1 	 T JERSE 	 Y POI	nt 					.00		14.0			
1040 10/01/70 1300 10/07/70	5006 89 5001 5006	D 803.	88 1 141. 8.8 96	3 68 20 64 18	C SAI F C	N JOAG 7.3	OUIN RI	 VER A1 	 I JERSE 	 	nt					.00 .4 .01 1					AIS
10/01/70 1300 10/07/70 1350 10/15/70	5006 89 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 9.4 99	3 68 20 64 18	C F C F C	N JOAG 7.3 7.7	169 166	VER AI	 T JERSE 	 	 					.00 .4 .01 1 .01 1 .6 .01 1		14.0			21A 17A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70	5006 89 5001 5006 5001 5006 5001	D 803.	88 1 141. 8.8 96 9.4 99	24 3 68 20 64 18 63 17 61 16	C F C F C	7.3 7.7 7.4	169 166 166	VER A1	 	 	 		 	 		.00 .4 .01 1 .01 1 .01 1		14.0			21A 17A 23A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130	5006 89 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 9.4 99 9.6 99	24 3 68 20 64 18 63 17 61 16	C SAI F C F C F C F	7.3 7.7 7.4 7.3	169 166 158	VER A1		 		 	 	 		.00 .4 .01 .1 .4 .01 .14 .01 .14 .01 .14 .01 .1401 .1		15.0			21A 17A 23A 24A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/29/70 1115	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 9.4 99 9.6 99 9.5 96	24 3 68 20 64 18 63 17 61 16 59 15	C SAI FC FC FC FC F	7.3 7.7 7.4 7.3	169 166 158 169						 		 	.00 .4 .01 1 .4 .01 1 .4 .01 1 .4 .01 1 1 .4 .01 1 1 .4 .01 1 1 .4 .01 1 1 .4 .01 1 1 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6		14.0			21A 17A 23A 24A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/29/70 1115 11/23/70 1245	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 9.4 99 9.6 99 9.5 96	24 3 68 20 64 18 63 17 61 16 59 15 57 14	C SAI FC FC FC FC FC	7.3 7.7 7.4 7.3	169 166 158 169 164	VVER A1			NT		 		 	.00 .4 .01 .4 .01 .1 .6 .01 .1 .4 .01 .1 .9 .01 .1 .3 .02 .1		14.0 15.0 13.0 			21A 17A 23A 24A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/29/70 1115 11/23/70 1245 01/11/71 0855	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 9.4 99 9.6 99 9.5 96	24 3 68 20 64 18 63 17 61 16 59 15 57 14	C SAI FC FC FC FC FC FC	7.3 7.7 7.4 7.3	169 166 158 169 164 209	 	 				76 1.25		 	.00 .4 .01 1 .4 .01 1 .6 .01 1 .9 .01 1 .3 .02 1		14.0			21A 17A 23A 24A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/29/70 1115 11/23/70 1245 01/11/71 0855 02/08/71 0845	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 99. 99. 99. 90. 90. 90. 90. 90. 90. 90.	24 3 68 20 64 18 63 17 61 16 59 15 57 14 45 7	C SAI FC FC FC FC FC FC FC	7.3 7.7 7.4 7.3 7.3	169 166 158 169 164 209 286	 	 		NT		76		 	.00 .4 .01 1 .4 .01 1 .6 .01 1 .9 .01 1 .3 .02 1		13.0			21A 17A 23A 24A 17A 21A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/22/70 1115 11/23/70 1245 01/11/71 0855 02/08/71 0845 03/03/71 1000 03/08/71	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 1 141. 8.8 96 99. 99. 99. 90. 90. 90. 90. 90. 90. 90.	24 3 68 20 64 18 63 17 61 16 59 15 57 14 45 7 46 8 50 10 10 10 10 10 10 10 10 10 10 10 10 10	C SAFC FC FC FC FC FC FC	7.3 7.7 7.4 7.3 7.3	169 166 158 169 164 209 286 263		 		NT		76 1.25 46 73 1.20		 	.00 .4 .01 1 .4 .01 1 .6 .01 1 .9 .01 1 .3 .02 1		14.0 15.0 13.0 17.0			21A 17A 23A 24A 17A 21A
10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1130 10/29/70 1115 11/23/70 1245 01/11/71 0855 02/08/71 1000 03/08/71 1030 03/08/71	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	0 803. 5 3. 4 6 5	88 1 141. 8.8 96 99 9.4 99 9.5 96 10.1 100 9.5 92	24 3 68 20 64 18 63 17 61 16 59 15 57 14 45 7 46 8 8 10 10 10 10 10 10 10 10 10 10 10 10 10	C SAI FC FC FC FC FC FC FC FC	7.3 7.7 7.4 7.3 7.3 7.2	201N RI 169 166 158 169 164 209 286 263 270		 				76 1.25 46 73 1.20 56			.00 .4 .01 1 .4 .01 1 .4 .01 1 .9 .01 1 .3 .02 1 1.3 .02		14.0 15.0 13.0 17.0			21A 17A 23A 24A 17A 21A
10/40 10/01/70 1300 10/07/70 1350 10/15/70 1130 10/22/70 1135 10/29/70 1115 11/23/70 1245 01/11/71 0855 02/08/71 1000 03/08/71 1030 03/24/71 1535 04/06/71	5006 89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 803.	88 8.8 96 99.4 99.9 9.5 96 10.1 100.1 101.4 101.4	24 3 68 20 64 18 63 17 61 61 65 7 14 45 7 7 46 8 50 10 10 10 10 10 10 10 10 10 10 10 10 10	C SAI FC FC FC FC FC FC FC FC FC	7.3 7.4 7.3 7.2 6.7	200 PRI 169 PR		 				76 1.25 46 73 1.20 56	 		.00 .4 .01 1 .4 .01 1 .6 .01 1 .9 .01 1 .3 .02 14		14.0 15.0 13.0 17.0 			21A 17A 23A 24A 17A 21A

TABLE D-2 (CONTINUED) MINERAL ANALYSES OF SURFACE WATER

DATE	SAMPLER G.H LAB Q OEPT		DO SAT	TE	L	FIEL ABORA	D	MINER			1 TUE	NTS :	M IN M	ILLIGRA ILLIEOU ERCENT	JIVALEN REACTA	ITS PE	R LITER ALUE	В		TOS T	H TU	R8
		•	• • •	• •	• •			• •	MG • •	• •	• •	• • •	C03	HC03	• • •	• • •	• • •	• •	\$102-	5UM NO	H S	AR
	89 D 80						UIN RIV	VER AT	JER	SEY	POIN	T				ONTIN	UED				2	0 A
04/21/71 1440	5001 5006		10.9 108	59 15	F C	7.8	148												16.0		-	
05/03/71 1150	5050 5050	6		60. 15.			149 145									9.6 .27 19						
05/05/71 1450	5001 5006		11.9 120	61 16	F C	7.8	136			•			.00	61 1.00 74			.00		15.0		1	9A
05/10/71 1130	5001 5006			63 17	F C		140			•									·			
05/19/71 1535	5001 5006		10.5 110	64 18	F C	7.6	150												14.0		1	17A
06/01/71 1300	5050	6		63. 17.	3F 4C		150 148									7.6 .21 14						
06/03/71 1510	5001 5006		10.0 105	64 18	F C	7.6	149						.00	148 2.43 163			.00		13.0		1	13A
06/07/71 1030	5001 5006	•		66 19			141			•												
06/16/71 1415	5001 5006	3	10.1 112	70 21		7.4	127			•									 15.0		â	24A
07/01/71 1345	5001 5006		9.8 111	72 22	F C	7.6	137						.00	59 •97 71			.1		13.0		1	16A
07/06/71 1155	5050 5050	3,		72. 22.			140 136									7.9 .22 16			==			
07/12/71 1025	5001 5006	6		70 21			166															
07/15/71 1355	5001 5006		9.2 106	73 23		7.9	149			•									13.0		1	15A
08/03/71 0950		3		74. 23.	.0F		165 160									15 •42			::			
08/04/71 1630		6	9.3 110		F	7.8	200						.0	62 1.02		26	.0		11.0		1	18A
08/09/71 1030		3	•••	73 23	F		200							51								
08/17/71	5001		8.9	23		7.7				•									 14.0		1	18A
1745 08/30/71		3		69.			252									12						
0935	5050	6	9.7	70	F	8.1	156						.0	66	0	.34 22	•1				1	16A
1645	5006	3	108	72	F		185							1.08			.00		13.0			
1035	5006 5001		9.0	22 75		7.6	144			-												17A
1615	5006	3	9.8	64	C F	7.9	160			-			.0	68			•1		9.0		:	17A
1455	5006	3	103	18	С		151 VER AT		DIIME				.00	1.11			•00		11.0			
10/07/70 1455	89 0 8 5001 5006		9.3 98			7.7	157			-												16A
01/11/71 0948	5001 5006	3		46 8	F C		333			-												
02/08/71 0945	5001 5006			4.8 9			316			-												
03/08/71 0935	5001 5006			50 10			212			-												
05/10/71 1045	5001 5006			63 17	F C		142		•	-												

DATE TIME	SAMPLER LAB	G.H		DO AT	ΤE		FIE LABOR	LD			NSTITU			ATER MILLIGR MILLIEQ	AMS PE UIVALE	R LITE NTS PE	R R LITE	M]	LLIGRAM	IS PER	LITER	
		DEPT	Н				PH * *	EC	CA .	MG	NA	K	C03	PERCENT HC03	504	CL	NO3		5102	TDS SUM		TURB SAR
	89	D 80	3.7	136.	1	FA	LSE R	IVER AT	F WEBB	PUMP						CONTIN	IUED					
08/09/71 0935	5001 5006				75 24	F C		167														
	89	0 804	4.4	134.				ER AT N	HTUOF													
10/07/70 1525	5001 5006	:		9.2 97	64 18,		7.5	140		,							.7 .01 1		16.0			144
11/23/70 1340	5001 5006	:	3	9.5 92	57 14	F C	7.3	191									1.7 .03 2		18.0			20A
03/03/71 1120	5001 5006	:		2.0 04	48 9	F C	6.9	230					.00	71 1.16 50			.01		18.0			19A
	89	D 804	4.7	134.	0	SA	N JOA	QUIN RI	VER AT	F POTA	TO PO	INT										
03/03/71 1130	5001 5006	:		2.0 04	48 9	F C	7.2	204					.00	72 1.18 58		.39 19	.01		18.0			17A
03/24/71 1620	5001 5006	. 3	3	0.8 02	55 13	F C	7.4	156					.00	66 1.08 69		7.0 .20 13			14.0			29A
04/06/71 1605	5001 5006		1	0.6 05	59 15	F C	7.5	127					•00	58 •95 75		2.0 .06 5	•4 •01 1		16.0			50A
04/21/71 1525	5001 5006	3		0.5 01	57 14	F C	7.6	148								3.0 .08 5			16.0			214
05/05/71 1630	5001 5006	3		1.0	61 16	FC	7.5	133					.00	62 1.02 77		6.0 •17 13	.00		16.0			16A
05/19/71 1625	5001 5006	3		0.2 07	64 18	F C	7.5	145								6.0 •17 12			14.0			19A
06/03/71 1640	5001 5006	3		9.4 99	64 18	F C	7.3	140					.00	66 1.08 77			.4 .01 1		13.0			11A
06/16/71 1510	5001 5006	3		9.6 07	70 21	F C	7.4	133											15.0			23A
07/01/71 1515	5001 5006		1	9.1 05	73 23	F C	7.4	125					.00	55 •90 72		7.0 .20 16	.01		15.0			18A
07/15/71 1445	5001 5006	ż	1	8.7 01	73 23	F C	7.6	120								7.0 .20			15.0			12A
08/04/71 1755	5001 5006	3		8.9 05	75 24	F C	7.7	139					.00	63 1.03 74		6.0 .17 12	.01 1		16.0			17A
08/16/71 1605	5001 5006	3		8.6 01	75 24		7.5	137								7.0 .20 15			16.0			14A
09/01/71 1800	5001 5006	. 3	1	9.5 08	72 22		8.0	138					.00	66 1.08 78		6.0 .17 12	•4 •01 1		16.0			16A
09/14/71 1715	5001 5006	3		8.9 03	73 23		7.7	146								6.0 •17 12			15.0			14A
09/29/71 1620	5001 5006	3		9.5 98			7.6 9.5	136					14 •47 35	.72 53		5.0 .14 10	.01		15.0			15A
	89	D 865	5 • l	144.3	3	SA	CRAMEN	NTO RIV	ER AT	EMMAT	ON											
10/28/70 1330	5001 5006			9.7 02	64 18	F C	7.5	145	**													19A
01/13/71 1125	5001 5006				46 8	F C		176											==			
02/10/71 0925	5001 5006				48 9			171														
03/04/71 1045	5001 5006	3		1.5 02	50 10		6.9	232											17.0			17A
03/10/71 0900	5001 5006				50 10			190														
04/14/71 0930	5001 5006				54 12			124	~-													
05/03/71 1335	5050 5050	6	6		59. 15.			138 130								5.8 •16 12						

OATE TIME	SAMPLER LAB	G.H. 0 0EPTH	DO SAT	TE	-			MINER	RAL CO	NSTITU	JENTS	IN I	MILLIGR MILLIED PERCENT	UIVALE	ENTS P	ER LITE	MII R 8	LLIGRAMS F	PER I	LITER	TURB
	• • • •							CA .	MG •	NA .	K **	C03	HC03	504		N03			5UH		SAR
	89	D 805.	1 144	. 3	SA	CRAMEN	TO RI	VER AT	EMMAT	ON					CONTI	DBUN					
05/04/71 1440	5001 5006	3	10.1 102	61 16		7.4	130											16.0			17A
05/12/71 0920	5001 5006			59 15			141											==			
06/01/71 1140	5050 5050	6		62. 16.			155 166								6.5 •18 11						
06/02/71 1405	5001 5006	3	10.0 103	63 17	F C	7.5	148											13.0			11A
06/09/71 0910	5001 5006			64 18			135											==			
06/30/71 1235	5001 5006	3	9.9 110	70 21		7.4	129											15.0			17A
07/06/71 1035	5050 5050	6		71. 22.			145 140								9.1 .26 19			==			
07/14/71 0915	5001 5006			72 22			155														
08/03/71 0810	5050 5050	6		71. 21.			162 156								14 •39 25						
08/03/71 1700	5001 5006	3	9.4 109	73 23		7.9	171											16.0			17A
08/05/71 1115	5050 5050	6		72. 22.			215 210								28 •79 38						
08/11/71 0940	5001 5006			73 23			206														
08/30/71 0835	5050 5050	6		68.			160 150								9.6 .27 18						
08/31/71 1600	5001 5006		9.8 109	70 21		8.0	172											15.0			16A
09/08/71 0915	5001 5006			70 21			155														
09/28/71 1355	5001 5006	3	9.4 99				135											12.0			17A
	89	D 805.2	2 124.	ı	WHI	TE SLO	UGH A	AT RIO	BL ANCO	TRAC	T NEA	R LOD	ı								
10/12/70 1115	5001 5006	3	3.5 37			7.1	577	38 1.90 32	19 1.56 26	53 2.31 38	.26 4	.00	220 3.61 59		62 1.75 29		.20	47.0	406 375		29A 1.8
11/16/70 1045	5001 5006	3	4.0 39	57 14	F C	6.9	503											==			82A
02/17/71 0925	5001 5006	3	7.6 70	54 12	F C	6.9	481											==			29A
03/22/71 1120	5001 5006	3	12.9 133	63 17	F C	7.7	508														ASS
04/28/71 0915	5001 5006	3	9.8 99	61 16	F C	7.4	237	16 .80 35	8.0 .66 29	17 •74 32	3.4 .09 4	.00	90 1.48 65	.23 10	18 •51 22	4.0 .06 3	.00	21.0	162 143	73 1	17A 0.9
05/18/71 1015	5001 5006	3	12.2	64 18	F C	7.4	425														23A
06/03/71 1000	5001 5006	3					475														
06/09/71 1002	5001 5006	3	5.7 62	68 20	F C	7.4	270											==			ASS
07/15/71 0945	5001 5006	3	4.6 55	77 25	F C	7.3	445	30 1.50 33	15 1 • 23 27	38 1.65 36	6.9 •18 4	.00	164 2.69 58	28 .58 13		14.2 .23 5	•30	23.0	300 276	137 2	35A 1.4
08/09/71 0915	5001 5006	3	4.5 55	79 26	F C	7.5	277									.00					17A
09/13/71 0955	5001 5006	3	0.0	73 23	F C	7.0	588									.00					9A

DATE TIME	SAMPLER LAB	0	DO SAT	TE	MP	F I E	YACTAN	MINER	RAL CO	NSTITU	JENTS	IN M	ILL IGR	UIVALE	NTS PE	R LIT		LIGRAM F	S PER	LITER	TURB
		DEPTH			•		EC	CA		.NA	K		HC03	504		N03	• • •	5102	SUM	NCH	5AR
	В9	0 805.	2 126.	. 0	WH	ITE S	LOUGH	NEAR LO	100												
10/12/70 1045	5001 5006	3	8.3 87	64 18	F C	7.3	168	12 •60 35	6.5 .53 31	.52 31	2.0 .05 3	.00	77 1.26 70	8.0 .17 9	12 •34 19	2.2 .04 2	.00	18.0	103 111	57 7	27A 0.7
11/16/70 1005	5001 5006	3	8.2 79	57 14	F C	6.9	197														18A
02/18/71 1015	5001 5006	3	10.5 97	54 12	· c	6.9	246											==			26A
03/22/71 1040	5001 5006		9.7 94	57 14	F C	7.1	212														224
04/29/71 1010	5001 5006	3	11.6 117		F C	7.5	124	10 •50 42	4.6 .38 32	6.5 .28 23	1.4	.00	55 .90 76	7.0 .15 13	5.0 .14 12	.00	•00	15.0	79 77	44	16A 0.4
05/19/71 1010	5001 5006	3	9•2 95	63 17		7.3	228														21A
06/04/71 1010	5001 5006	3					154											==			
06/10/71 1000	5001 5006	3	8.7 91	64 18		7.3	131											==			16A
07/16/71 1000	5001 5006	3	6.6 78	75 24	F C	7.3	164	13 •65 41	6.0 .49 31	9•1 •40 25	1.3	.00	63 1.03 63	12 •25 15	12 •34 21	.9 .01	.00	16.0	112 101	57 6	25A 0.5
08/10/71 0940	5001 5006	3	7.0 84	77 25	F C	7.5	180									.8		==			19 A
09/14/71 1100	5001 5006	3	6.4 75	75 24		7.4	193			••						.1		==			20A
	89	D 805.6	8 140.	1	5A	N JOA	QUIN R	IVER AT	TWIT	CHELL	I SL AN	ND.									
10/08/70 1515	5001 5006	3	10.0 105	64 18	F C	7.4	159														15A
01/13/71 1100	5001 5006			46 8	F C		249														
02/10/71 0955	5001 5006			48 9	F C		227														
03/03/71 1025	5001 5006		11.9 105		F C	6.7	235											17.0			20A
03/10/71 0935	5001 5006			50 10	F C		186											==			
05/05/71 1520	5001 5006	3	11.7 118	61 16	F C	7.8	131											15.0			18A
05/12/71 1005	5001 5006			59 15			144											==			
06/03/71 1535	5001 5006	3	9.7 102	64 18		7.5	146											13.0			114
07/01/71 1415	5001 5006	3	10.0 113		F C	7.6	132											14.0			16A
08/04/71 1650	5001 5006	3	9.4 111	75 24	F C	7.8	176											11.0			19A
08/11/71 1020	5001 5006	-		73 23			188											==			
09/01/71 1710	5001 5006	3	9.7 108		F C	8.1	163											13.0			16A
09/29/71 1515	5001 5006	3	9.9 104	64 18	F	8.7	144											9.4			174
	89	D 806.4	4 142.	0	Тн	REE M	ILE SL	OUGH AT	5ACR/	AMENTO	RIVE	R									
10/08/70 1350	5001 5006	3	10.3 108			7.4	130											==			11A

	DATF T1MF	SAMPLER LAB	G.H. O DEPTH	DO SAT	TE		FIEL ARORA PH		M 1 NEF	MG	IST I TUI		IN M	ILLIGRA ILLIEQU ERCENT HCD3	IVALEN REACTA	TS PE	R LITE	R 8	LIGRAMS F SIO2	TOS SUM	TH NCH	TURB SAR
				• • •	• •				• • •		• • •	• •	* * *	• • •			* * *		* * * *	* * *		* * *
		89	D 808.7					TO RI	VER AT	RIO VI	STA											
(06/02/71 0815	5050	3.90	9.3 95	62 17	F C	7.1	143														
		89	D 808.6				CAHORE	SLDU	GH NEAF													
1	10/12/70	5001 5006	2	0.8 8	63 17	F C	7.0	308	1.20 38	9.0 .74 23	23 1.00 32	8.7 .22 7			.21 7	.39 13		.00	20.0	210	97	12A 1.0
1	0935	5001 5006	3	0.7 7	57 14	F C	7.1	513														214
(02/18/71 1040	5001 5006	3	0.0		F C	7.0	785											· ==			29A
(03/22/71 1005	5001 5006	3	0.2	59 15	F C	6.5	295														18A
(04/29/71 1050	5001 5006	3	6.5 66	61 16	F C	7.3	199	15 •75 38	5.6 .46 23	15 •65 33	5.5 .14 7			10 •21 11	5.0 •14 7		.00	7.7	133	61	14A 0.8
(05/19/71 1050	5001 5006		8.3 91	68 20	F C	7.4	218											==			16A
(06/04/71 1025	5001 5006	3					439											==			-
(06/10/71 1045	5001 5006	1	4.0 45	72 22	F C	6.9	195											==			15A
(07/16/71 1040	5001 5006	3	6.8 82	77 25	F C	7.2	166	14 .70	5.2	10	3.5			10 .21	8.0 .23		.00	1.0	109	57	23A 0.6
(08/10/71 1010	5001 5006	3	7.9 96	79 26		7.7	178	42 	26 	27 	5 			13	14						15A
(9/14/71	5001	3	4.1	73	F	7.4															10A
						_		204														
	1125	5006	2	47	23	С		286														
	1125		2 D 809.6				CRAMEN		VER AT	RID V	5TA 8	RIDGE										
1	1125 10/07/70 1240				1	SAC	CRAMEN 7.3		VER AT	RID VI	57A 8	RIDGE 					•5 •01 1		16.0			14A
	10/07/70	89 5001	D 809.6	9.3	1 63	5A(TO RI	VER AT		 	 					.01					14A 15A
1	10/07/70 1240 10/08/70	89 5001 5006 5001	D 809.6	9.3 96 9.8	1 63 17	SAC F C	7.3	TO RI	 		 	 					.01		16.0			
1	10/07/70 1240 10/08/70 1410	89 5001 5006 5001 5006	D 809.6	9.3 96 9.8 103	1 63 17 64 18 55 13	SAC F C F C	7.3 7.4	TO RI 123 133	 		 	 					.01		16.0			15A
	10/07/70 1240 10/08/70 1410 11/23/70 1450	5001 5006 5001 5006 5001 5006	D 809.6	9.3 96 9.8 103	1 63 17 64 18 55 13	F C F C F	7.3 7.4	TO RI 123 133			 	 	 	 	 		.01		16.0			15A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 11/13/71 1200	899 5001 5006 5001 5006 5001 5006 5001 5006	3 3 3	9.3 96 9.8 103	1 63 17 64 18 55 13 46 8	SAC FC FC FC	7.3 7.4	123 133 137 157		 	 			 82 1.34	 	 	.01 1 .01 1 		20.0			15A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235	89 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	D 809.6	9.3 96 9.8 103 7.0 66	1 63 17 64 18 55 13 46 8	SAC FC FC FC FC FC	7.3 7.4 7.2	123 133 137 157							 		.01		20.0			15A 19A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115	\$99 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	3 3 3	9.3 96 9.8 103 7.0 66	1 63 17 64 18 55 13 46 8 50 10 48 9	SAC FC FC FC FC FC	7.3 7.4 7.2	123 133 137 157 158		 				1.34 71	 	 	.01 1 .01 1 		20.0			15A 19A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115 03/10/71 1240	\$99 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	3 3 3 3	9.8 9.8 9.8 103 7.0 66	1 63 17 64 18 55 13 46 8 50 10 48 9 52 11	SAC FC FC FC FC FC	7.3 7.4 7.2	123 133 137 157 158 188	 	 				71 1.16 75 76 1.25			.01 1 .6 .01 1 		20.0			15A 19A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115 03/10/71 1240 03/23/71 1340	\$99 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	3 3 3 3 3 3 3	9.8 9.8 103 7.0 66	1 63 17 64 18 55 13 46 8 50 10 48 9 52 11 54 12	SAC FC FC FC FC FC FC	7.3 7.4 7.2 6.9	10 RI 123 133 137 157 158 188 174	 	 				71 71 1.16 75 76			.01 1 .6 .01 1 		16.0 			15A 19A 18A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115 03/23/71 1340 04/06/71 1715	\$99 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006 5001 5006	3 3 3 3 3 3 3 3 3	9.3 96 9.8 103 7.0 66	1 63 17 64 18 55 13 46 8 50 10 48 9 52 11 542 55 55	SAC FC FC FC FC FC FC FC	7.3 7.4 7.2 6.9	10 R1 123 133 137 157 158 188 174 154 156	 	 				1.34 71 71 1.16 75 76 1.25 80 			.01 1		16.0 			15A 19A 18A 27A 55A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115 03/10/71 1240 04/06/71 1715 04/20/71 1200	\$99 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$000 \$	3 3 3 3 3 3 3	9.8 9.8 103 7.0 66 12.0 10.4	1 63 17 64 18 55 13 46 8 50 10 48 9 52 11 54 12 59 15 13 59	SAC FC FC FC FC FC FC FC FC	7.3 7.4 7.2 6.9 7.1 7.8 7.3	10 R1 123 133 137 157 158 188 174 156 124	 	 				1.34 71 71 1.16 75 76 1.25 80 	 		.01 1 .6 .01 1 		16.0 			15A 19A 18A 27A 55A
	10/07/70 1240 10/08/70 1410 11/23/70 1450 01/13/71 1200 02/10/71 1235 03/04/71 1115 03/23/71 1340 04/06/71 1700 05/04/71 1510	\$99 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006 \$001 \$006	3 3 3 3 3 3 3 3 3	9.8 9.8 103 7.0 66 12.0 10.4	1 63 17 64 18 55 13 46 8 50 10 48 9 52 11 54 12 59 15 59 15	SAC	7.3 7.4 7.2 6.9 7.1 7.8 7.3	10 R1 123 133 137 157 158 188 174 156 124 136						71 1.16 75 76 1.25 80 	 		.01 1 .6 .01 1 		16.0 			15A 19A 18A 27A 55A

TABLE D-2 (CONTINUED) MINERAL ANALYSES OF SURFACE WATER

							М	INEPAL	ANALYS	SES OF	SURF	ACE W	ATER								
OATE TIME	SAMPLER LAB	G.H. O DEPTH	DO SAT	TE		FII LABO	ELD RATORY EC					IN I	MILLIGR MILLIED PERCENT HCO3	PEACT	NTS PE	R LIT	ER 8		TDS	TH	TURB SAR
	• • • • •					• • •											• • •	5102	* * •		
		0 809.					ENTO R	IVER A	T RIO V	ISTA 8	BRIDG	Ε			CONTI	UED					
06/15/71 1130	5001 5006	3	9.6 103	66 19	F C	7.0	132											16.0			15A
06/30/71 1310	5001 5006	3	9.1 99	68 20	F C	7.3	125					.00	54 •89 71			.01 1		15.0			13A
07/14/71 1005	5001 5006	3	9.0 102	72 22.	F C	7.4	124											14.0			12A
08/03/71 1730	5001 5006	3	9.1 105	73 23	F C	7.7	139		·			.00	62 1.02 73			.00		17.0			15A
08/11/71 1450	5001 5006			75 24	F C		136											==			
08/16/71 1425	5001 5006	3	8.7 101	73 23	F C	7.4	128											17.0			12A
08/31/71 1625	5001 5006	3	9.6 107	70 21	F C	7.7	140					.00	67 1.10 79			.01		15.0			10A
09/14/71 1525	5001 5006	3	8.8 100	72 22	F C	7.7	155											16.0			13A
09/28/71 1420	5001 5006	3	9.0 95	64 18	F C	7.5	127					12 •40 31	40 •66 52			.01		12.0			11A
	В9	D 810.	1 127.	9	HO	G 5L0	UGH NE	AR THO	RNTON							•					
10/14/70 1245	5001 5006	3	8•6 92	66 19	F C	7.4	288	18 •90 34	10 •82 31	20 •87 33	2.5	.00	82 1.34 50	8.0 .17	42 1.18 44	.01	.00	15.0	184 156	86 19	18A 0.9
11/17/70 0940	5001 5006	3	7.3 71	57 14	F C	7.3	671														124
02/18/71 1135	5001 5006	3.	10.4 96	54 12	F C	7.6	759														184
03/23/71 1135	5001 5006	3	10.9 110	61 16	F C	7.8	531														21A
04/29/71 1150	5001 5006	3	9.5 94	59 15	F C	7.7	378	24 1.20 34	13 1.07 30	28 1.22 34	2.4	.00	86 1.41 41	9.0 .19	65 1.83 53	.01	•00	15.0	237 199	114 43	' 21A 1.1
05/19/71 1120	5001 5006	3	8.5 91	66 19	F C	7.3	348											==			18A
06/04/71 1045	5001 5006	3 [~]					270										·				
06/10/71 1125	5001 5006	3	8 • 6 96	70 21	F C	7.1	227											==			21A
07/16/71 1120	5001 5006	. 3	7.8 95	79 26	F C	7.7	376	26 1.30 36	13 1.07 30	26 1.13 32	3.0 .08 2	.00	82 1.34 36	25 .52 14	65 1.83 50	.00	.00	15.0	234 213	119 52	19A 1.0
08/10/71 1055	5001 5006	3	5.4 66	79 26	F C	7.6	281									.00					21 A
09/14/71 1205	5001 5006	3	2.8 33	75 24	F C	7.0	218									.00		==			12A
	89 (0 811.0	139.	3	STE	AMB0	AT SLO	UGH AB	OVE CA	CHE 5L	OUGH										
10/08/70 1435	5001 5006	3	9.5 100	64 18	F C	7.2	128														12A
	89 1	812.3	126.8	8	BEA	VER	5L0UGH	NEAR	THORNT	ON											
10/14/70 1320	5001 5006	3	9.8 103	64 18	F C	8.1	99	.60 50	3.2 .26 22	3.3 .14 12	7.8 .20 17	.00	.80 75	5.0 .10 9	6.0 .17 16	.00	.00	12.0	70 73	33 3	16A 0.2
11/17/70 1010	5001 5006	3	5.0 48	57 14	F C	6.7	177														15A
02/18/71 1230	5001 5006	3	6.8 63	54 12	F C	7.2	474														23A
03/23/71 1205	5001 5006	3	9.9 98	59 15	F C	7.4	299														14A
04/29/71 1250	5001 5006	3	10.6 107	61 16	F C	7.6	209	.70 35	7.4 .61 31	14 •61 31	3.0 .08 4	.00	1.11 57	7.0 .15 8	24 •68 35	.01	.00		131 109	66 10	17A 0.8

DATE TIME	SAMPLER LAB	G.H. 0 NEPTH	DO SAT	TE	MP L	F1EL ABORA		M1NEF	RAL CON	STITU		IN M	ILL IGRA ILL IEQU ERCENT HCO3	1 VALEN	TS PE	R LITE ALUE	R B	LIGRAMS F SIO2	PER L	.ITER TH NCH	TURB SAR
		• • •	• • •				• • •		• • •	• • •	• •	***	• • •		• • •	• • •	• •		• • •		
		0 812.					SLOUGH	NEAR 1	THORNTO	N				c	ONTIN	JED					144
05/19/71 1145	5001 5006	3	100	66 19	F C	7.9	234														16A
06/04/71 1105	5001 5006	3					177														
06/10/71 1215	500 l 5006	3	7.2 80	70 21	F C	7.6	220														29A
07/16/71 1200	5001 5006	3	8.9 107	77 25	F C	7.2	376	13 •65 41	6.0 .49 31	9.2 .40 25	2.0 .05 3	.00	59 •97 62	.21 13	14 •39 25	.00	.00	12.0	104 95	57 9	19A 0.5
08/10/71 1130	5001 5006	3	8.2 100	79 26	F C	8.0	144									.00					14A
09/14/71 1255	5001 5006	3	7.3 88	77 25	F C	7.2	254									.2					60 A
	В9	D 814.	5 130.	8	SA	CRAME	NTO RI	VER AT	WALNUT	GROV	Ε										
05/20/71 1445		2.86	9.7 99		F C	7.4	120														
	89	n 815.	3 126.	3	мон	KELUMI	NE RIVI	ER NEAL	R THORN	ITON											
10/14/70 1400	5001 5006	_	10.6 105	59 15	F C	7.0	52	5.0 .25 51	1.5 .12 24	2.0 .09 18	1.1 .03 6		23 •38 73	3.0 .06 12	3.0 .08 15	.00	.00	11.0	37	19	4A 0.2
11/17/70 1040	5001 5006	3	10.7	55 13	F C	6.7	55											==			6A
02/18/71 1300	5001 5006	3,	12.1 107	50 10	F C	7.0	62														5 A
03/23/71 1235	5001 5006	3	11.0 104	55 13	F C	6.9	73											==			8.4
04/29/71 1325	5001 5006	3	9.8 99	61 16	F C	7.2	63	6.2 .31	2.3	3.0 .13	1.1	.00	33 •54	4.0		.00	.00	 15.0	55	25 2	6A 0.3
05/19/71 1245	5001 5006	3	9.6 99	63 17	F C	7.5	52	47 	29 	20 			86	13							10A
06/04/71 1115	5001 5006	3					57														
06/10/71 1315	5001 5006	3	8.8 96	68 20	F C	7.5	59											==			7A
07/16/71	5001	3	9.0	72	F	6.8	54	4.4	2.6 .21	2.4	1.1	.0	25 •41	4.0 .08	2.0	.0	.00	9.5	37 38	22 1	7A 0.2
1250 08/10/71	5006	3	8.3	77	C F	7.8	34	39	38	18	5		75 	15	11	.0					11A
1215	5006	3	9.9	25 64	C F	6.8	126									.00					5A
1325	5006	3	104	18	C		57									.00					
	В9	n 816.	6 129.	8	SN	ODGRA	5 5 SLO	UGH AT	TWIN (CITIES	RD 6	3R N W	ALNUT	GROVE							
10/14/70 1435	5001 5006	3	8•4 88	64 18	F C	6.8	143	11 •55 39	6.1 .50 35	7.5 .33 23	1.5 .04 3	.00	70 1.15 78	7.0 .15 10	6.0 .17 11	.01 1	.00	16.0	85 90	53 5	21A 0.5
11/17/70 1130	5001 5006	3	7.8 75	57 14	F C	6.9	162														22A
02/18/71 1340	5001 5006	3	9.5 88	54 12		7.1	294							~-							22A
03/23/71 1310	5001 5006	3	11.2 108	57 14	F C	7.6	309														18A
04/29/71 1420	5001 5006	3	9.8 99	61 16	F C	7.4	145	11 •55 38	5.8 .48 34	8.2 .36 25	1.6 .04 3	.00	.97 70	10 •21 15	7.0 .20 14	.00	.00	15.0	105 88	52 3	16A 0.5
05/19/71 0900	5001 5006	3	7.6 80	64 18	F C	7.5	188														244
05/19/71 13/5	5001 5006	3	8.5 91	66 19	F C	7.5	130											==			27A
06/04/71 1130	5001 5006	3					157											==			

DATE TIME	SAMPLER LA8	G.H.	00 SAT	TE	MP	FIEL	ATORY	MINE	RAL CON	15T I TUI	ENT5	IN P		UIVALE	NTS PE	R LITER	₹	LIGRAM5			
		DEPTH				PH	EC	CA .	MG	NA *	K .	CO3	PERCENT HC03	504	CL		B * *	5102 * * * *	TDS SUM	TH NCH	TURB SAR
	89	D 816.6	6 129.	8	SN	ODGRAS	5S 5L0	UGH AT	TWIN C	17165	RD 8	R N W	ALNUT	GROVE	CONTIN	UED					
06/10/71 1400	5001 5006	3	8•2 90	68 20	F C	7.6	139														16A
07/16/71 1345	5001 5006	, 3	8.3 100	77 25	F C	7.0	131	11 •55 41	5.2 .43 32	7.8 .34 25	1.3 .03 2	.00	62 1.02 72	.21 15	6.0 .17 12	.5 .01 1	.00	15.0	90 87	49 2	19A 0.5
08/10/71 1300	5001 5006	3	6.5 78	77 25 _.	F C	7.5	143									.01		==			22 A
09/14/71 1400	5001 5006	3	7.3 88	77 25	F C	7.3	159		·							.00					15A
	89	D 819.1	130.	1	SN	ODGRAS	5 SLO	UGH AT	SOUTHE	RN PAG	IFIC	RR B	RIDGE								
10/14/70 1505	5001 5006	3	7.0 74	64 18	F C	7.0	176	13 •65 37	7.5 .62 35	10 •44 25	1.7 .04 2	.00	1.38 75	9.0 .19 10	9.0 .25 14	.01	•00	16.0	102 108	64 6	27A 0.5
11/17/70 1200	5001 5006	3	6.0 58	57 14	F C	7.0	253											==			14A
02/18/71 1400	5001 5006	3	9.1 86	55 13	F C	7.3	429														19A
03/23/71 1345	5001 5006		10.4 101	57 14	F C	7.6	454											==			17A
04/29/71 1505	5001 5006		11.9 122	63 17	F C	8.3	338	24 1.20 36	14 1•15 34	.96 28	2.3 .06 2	.00	112 1.84 55	30 .62 18	32 •90 27	.00	•00	50.0	219 199	118 26	15A 0.9
05/19/71 1345	5001 5006	3	7.9 86	68 20	F C	7.7	322											==			17A
06/04/71 1145	5001 5006	2					233											==			
06/10/71 1430	5001 5006	3	8.4 94	70 21	F C	7.6	217											==			16A
07/16/71 1425	5001 5006	3	7.8 94	77 25	F C	7.4	189	15 •75 40	8.0 .66 35	10 •44 23	1.4 .04 2	.00	70 1.15 59	20 •42 21	13 •37 19	1.4 .02 l*	.00	17.0	119 120	71 13	20A 0.5
08/10/71 1335	5001 5006	3	6.2 76	79 26	F C	7.5	179									1.0 .02 1		==			19A
09/14/71 1440	5001 5006	3	3.0 36	77 25	F C	7.1	198									.00					7A
		D 820.7					TO RI	VER AT	GREENE	S LAND	ING										
10/07/70	5001 5006	3	9.4 97	17	С	7.2	120											==			10A
01/13/71 1405 02/10/71	5001 5006 5001			8	С	7.7	120					.00	1.00 83								
1145	5006		12.4	10	С	7.7	132					.00	1.13 86					==			
03/05/71 1430	5001 5006		12.4 110	10	С	7.9	158											18.0			144
03/10/71	5001 5006				C	7.7	146					.00	71 1.16 79					==			
04/06/71 1425	5001 5006		10.7 101	13	С	6.9	128														45A
04/14/71 1130 05/04/71	5001 5006		0.5	15	F C	7.0	112														,,,
1640	5001 5006	3	9.5 94	15	С	7.2	142											16.0			114
05/12/71 1145	5001 5006			15	С	7.7	127					.00	62 1.02 80					==			
06/02/71 1650	5006		10.5 106	16	С	7.5	139											14.0			124
06/09/71 1120	5001 5006			64 18	F C		215														

DATE	SAMPLER LAB	6.H. Q DEPTH	DO SAT	TEMP		LD RATURY EC	MINE!	RAL CO!	NSTITU NA		IN M	ILLIGR	UIVALEI REACT	NTS PE ANCE V	R LITE ALUE		LIGRAMS F 5103	TDS	ITER TH NCH	TURB SAR
	• • • •									• •		* * *		• • •	• • •	* *		* * *		
		D 820.				NTO RI	VER AT	GREEN	ES LAN	ID1NG			(CONTIN	UED					
06/16/71 1235	5050	1.6	8.8 96	68.0F 20.0C		117														
06/30/71 1440	5001 5006	3	9.2	68 F 20 C		132									••		16.0			20A
07/14/71 1145	5001 5006			72 F 22 C		113														
07/21/71 1140	5050 5000	1.5	8.3 95	72.3F 22.4C	7.3 8.0	121 114	9.7 .48 41	4.4 .36 31	6.7 •29 25	1.0 .03 3	.00	57 •93 79	6.5 .14 12	3.5 .10 9	.00	.06	17.0	77	42 5	20A 0.4
08/03/71 1835	5001 5006	3	8.0 98	79 F 26 C		141											18.0			10A
08/11/71 1240	5001 5006			73 F 23 C		128		••			.00	71 1.16 91								
08/24/71 1330	5050 5000	1.5	8.0 90	70.8F 21.5C	7.3 7.4	150 142	11 •55 37	5.9 .49 33	10 •44 29	.02	.00	73 1.20 75	9.3 .19 12	6.8 .19 12	.5 .01	•05	18.0	98	52 8	20A 0.6
08/31/71 1235	5001 5006	3	9.2 101	68 F 20 C		141											13.0			10A
09/08/71 1215	5001 5006	3		66 F 19 C		197														
09/16/71 1140	5050 5000	0.5	90	68.2F 20.1C		160 148	11 •55 37	6.0 .49 33	9.3 .40 27	1.2	.00	79 1.29 79	7.5 .16 10	6.7 .19 12	.3	•09	18.0	99	52 13	20A 0.6
09/28/71 0915	5001 5006			61 F 16 C		114											20.0			7A
	99	3 0 827.	3 130.	0 5/	ACRAME	NTO RIV	FR AT	FRFFP	DRT											
10/07/70 1150		0 02.74		62.1F 16.7C	7.3	123 120	10 •50 42	4.9 .40 33	6.3 .27 23	1.1	.00	58 •95 82	5.0	3.5 .10	.8 .01	.11	12.0	72	45 3	12A 0.4
10/07/70 1155	5050 5050		9.5 97	62.1F 16.7C	7.3	123 120														10
10/20/70 1245	5050 5050		10.0 100	60 F 16 C	7.3	118 124														8E
11/05/70 1125	5050 5000	2	9.9 96	57.1F 13.9C		123 114	9.2 .46 40	4.7 .39 34	6.2 .27 23	1.3	.00	57 •93 84	4.0 .08 7	3.0 .08 7	1.4	.00	28.0	86	42	6A 0.4
11/05/70 1130	5050 5050	2	9.9 96	57.1F 13.9C		123 118														10E
11/17/70	5050 5050	2	10.1 94	54.0F 12.2C		150 137														30€
12/09/70 1225	5050 5000	2	10.1	51.1F 10.6C	7.3 6.9	123 113	9.3	4.5	5.9	1.4	.00	52 .85	5.0 .10 10	2.9	1.3	.00	.1 17.0	73	42 1	55A 0.4
12/09/70 1230	5050 5050	0.5	10.1	51.1F 10.6C	7.3	123 113	41 	33	23			81								80E
12/21/70 0900	5050 5050	0.5	11.0 92	46 F 8 C	7.5	135 133														55€
01/06/71 1300	5050 5000	0.5	12.1 101	44.0F 6.7C	7.3 7.1	150 134	10 .50 38	5.5 .45 35	7.3 .32 25	1.1 .03 2	.00	58 •95 76	9.0 .19	3.2 .09	1.1	.15	18.0	84	48	28A 0.5
01/06/71 1305	5050 5050	0.5	12.1 99	44.0F 6.7C		150 138														35E
02/18/71 1200	5050 5000	0.5	11.0	51.8F 11.0C		143 134	11 •55 40	6.2 .51 37	6.6 .29 21	1.0	.00	63 1.03 79	7.0 .15	4.1 .12 9	.9 .01	.00	.1 17.0	85	53 2	0.4
02/18/71 1205	5050 5050	2	11.0	51.8F 11.0C		143 134												68		25E
03/17/71 0800	5050 5000	2	11.0 97	49.8F 9.9C	7.3 7.7	122 113	10 •50 43	4.6 .38 33	5.5 .24 21	1.1		54 •89 79	6.8 .14 12	3.3	.9 .01	.05	16.0		44	40A 0.4
03/17/71 0805	5050	2	11.0 97.	49.8F 9.9C	7.3	122														
04/21/71 1330	5050 5000	1.5	10.5	55.0F 12.8C		105 117	11 •55 44	5.0 .41 33	5.7 .25 20	1.0		58 •95 81	5.5 .11 9	4.5 .13 11	.01	•06	.0 17.0		48	20A 0.4

DATE TIMF	SAMPLER LAB	G.H. Q OEPTH	DO SAT	TEMP	F I I L 4800 PH				NSTITU NA		IN M	ILLIGR ILLIEO ERCENT	UIVALE REACT	NTS PE	R LITER	* #IL	LIGRAN F S102	AS PER	LITER TH NCH	TURB SAR
			• • •					# # #		· e^e	* * *	HC03			* * *	• •	* * *	* * *		
		D 827.				ENTO RI	VER AT	FREEF	PORT					CONTIN	IUED					
04/21/71 1335	5050	1.5	10.5 99	55.0F 12.8C	7.3	105														
05/19/71 1100	5050 5000	1	9.7 97	60.2F 15.7C	7.3 8.2	128 118	.50 41	4.9 •40 33	6.8 .30 25	.02 .02	.00	1.08 87	1.5 .03 2	4.4 •12 10	.01 1	.03	.2 19.0	80	45 9	20A 0.4
05/19/71 1105	5050	2	9.7 97	60.2F 15.7C	7.3	128														
06/16/71 1145	5050 5000	1	9.1 99	68.0F 20.0C	7.3 7.0	118 118	9.6 .48 41	4.5 .37 32	6.6 •29 25	.8 20.	.00	58 •95 79	7.0 .15 12	3.5 .10 8	•4 •01 1	.04	.3 18.0	79	42 5	7A 0.4
06/16/71 1150	5050		9.1 99	68.0F 20.0C	7.3	118														
	G4	1590.0	01	50	JSAN F	RIVER N	EAR LI	TCHFIE	LD											
10/07/70 1115	5050 5050	39	7.6 69	52 F 11 C	8.4	416			51 2.22 53		.00	235 3.85 93		9.0 .25 6		.10	==		124	4E
11/17/70 1500	5050 5050	50	10.0 84	46.4F 8.0C	8.4 8.3	409			48 2.09 51		.00	226 3.70 90		8.9 .25 6		.10			120	25E
12/15/70 1530	5050 5050	90	12.0 91	39.2F 4.0C	8.4 7.8	354			38 1.65 47		.00	190 3.11 88		8.2 .23 6		.10			103	10E
01/14/71 0830	5050 5050	90	12.2 83	32 F 0 C	7.4 7.9	286			31 1.35 47		.00	138 2.26 79		.28 10		•20			89	35€
02/18/71 1000	5050 5050	130	11.6 85	37 F 3 C	8.0 8.2	306			32 1.39 45		.00	154 2.52 82		9.0 .25 8		.10			106	20E
03/16/71 1330	5050 5050	230	10.2 84	45 F 7 C	7.7 7.9	263			30 1.31 50		.00	128 2.10 80		7.7 .22 8		•20	==		77	110E
04/14/71 0945	5050 5050	320	10.1 85	46 F 8 C	7.6 7.8	170			13 .57 34		.00	88 1.44 85		3.8 .11 6		.10	==		68	40E
05/11/71 1400	5050 5050	610	10.1 97	56.3F 13.5C	7.9 7.9	168	10 •50 31	4.4 .36 22	17 •74 45	1.3	.00	75 1.23 78	10 .21 13	4.2 .12 8	.4 .01	•00		112 84	44 19	12E 1.1
06/04/71 1005	5050 5050	460	9.5 89	54.5F 12.5C	7.8 8.1	223			.96 43		.00	117 1.92 86		4.8 .14 6		.10			65	70E
07/07/71 1520	5050 5050	96 -	7.8 94	77 F 25 C	8.1 8.3	495			70 3.05 62		.00	249 4.08 82		12 •34 7		.20			115	20E
08/06/71 1000	5050 5050	120	8.2 93	72 F 22 C	8.1 8.1	443			54 2.35 53		.00	223 3.65 82		9.4 .27 6		•20			127	7E
09/22/71 1430	5050 5050	46	11.0 114	63.5F 17.5C	8.3 8.4	477	25 1.25 25	1.15 23	2.35 48	6.8 .17 3	2.0 .07 1	237 3.88 77	38 •79 16	9.2 .26 5	.01	.10		301 266	122 78	6E 2•1
	G4	1600.0	00	50	JSAN R	IVER A	T SUSAN	NVILLE												
10/07/70 1415	5050 5050		10.5 95	52 F 11 C	8.1 8.3	174	14 •70 35	12 •99 49	6.2 .27 13	1.9 .05 2	.00	111 1.82 97	.00	1.9 .05 3	.00	•00		122 91	83 7	5E 0.3
11/17/70 1540	5050 5050	1.31 15	11.5 90	41.0F 5.0C		152			5.3 .23 15		.00	81 1.33 87		1.2 .03 2		•00			67	4E
12/15/70 1610	5050 5050	1.77	12.3 89	35.6F 2.0C	7.5 7.6	134		~~	5.1 .22 16		.00	79 1.29 96		1.3 .04 3		•00			60	3E
01/14/71 1015	5050 5050	1.97 *' 55		33 F 1 C		130			3.8 .17 13		.00	73 1.20 92		3.5 .10 8		•00	==		65	7E
02/18/71 1150	5050 5050	2.21 87	12.9 90	34 F 1 C		113			4.0 .17 15		.00	66 1.08 96		2.4 .07 6		.00	==		49	5E
03/16/71 1415	5050 5050	2.40 116	11.2 89	42 F 6 C	7.5 7.7	111			4.3 .19 17		.00	64 1.05 95		1.5 .04 4		.10			48	10E
04/14/71 1050	5050 5050	3.20 281	10.9 88	43 F 6 C	7.3 7.7	86			2.4 .10 12		.00	51 •84 98		.5 .01 1		.00			39	8E
05/11/71 1445	5050 5050	4.02 559	10.3 96	54.5F 12.5C		63			2.2 .10 16		.00	35 •57 90		.00		.00			26	9E
06/04/71 1115	5050 5050	3.35 322	10.8 95	50 F 10 C	7.3 7.3	73			2.5 .11 15		.00	43 •70 96		.00		.00	==		31	7E

OATE TIMF	SAMPLER LAB	G.H.	00 SAT	TEMP	L ABOR				IST I TUI		IN M	ILLIGRA ILLIEQU ERCENT HCO3	REACT	ITS PE	R LITE	ER 8	LIGRAMS F 5102	F PER L	ITER TH NCH	TURB SAR
	• • • •		• • •		• • •	• • •				• `•		• • •		• • •	* * *					* * *
		1600.			SUSAN R	LVER AT								ONTIN						
07/07/71 1620	5050 5050	72	8.2 91	70 F 21 C	7.8	99	9.3 .46 47	4.1 .34 35	3.2 .14 14	.03	.00	57 •93 99	.5 .01 1	.00	.00	.00		67 47	7	1E 0.2
08/06/71 1130	5050 5050	91	8.5 93	68 F 20 C	7.6	70			2.3 .10 14		.00	.67 96		.02		.00			31	7E
09/22/71 1545	5050 5050	1.27	9.8 95	57 F	7.9	160			5.8 .25 16		.00	99 1.62 101		1.0 .03 2		•00			73	2E
	66	1705.	00	L	ONG VAL	LEY CF	EEK NE	AR HAL	LELUJ	AH JU	NCTIO	N								
03/16/71 1540	5050 5050	3.02	8.8 73	45 F 7 C	8.1	234			.70 30		.00	143 2.34 100		2.3 .06 3		.10	==		93	40E
05/12/71 0750	5050 5050	130	11.2 93	45.5F 7.50	7.7	147			7.8 .34 23		.00	87 1.43 97		.00		.10			63	110E
07/08/71 0915	5050 5050	3.08		61 F 16 C		246			14 .61 25		.00	136 2.23 91		1.7		.00	==		94	3E
09/23/71 0800	5050 5050	2.29	10.5 99	55 F		283	24 1.20 41	11 •90 31	17 •74 25	3.8 .10 3	•00	171 2.80 97	.00	3.0 .08 3	.00	.10	==	186 143	106 35	3E 0.7
	67	L 856.	4 000.	,6 L	AKE TA	40E NE/)										
11/17/70	5050		9.4 81	47.7F		93														0.1A
11/18/70 1235		2												1.4						
05/12/71 1125	5050 5050	2.				88								1.3			==			
08/18/71 1025	5050 5050			68.0F		91 92								1.8 .05			==			
														5						
11.417.470		L 856.				40E NE/ 93	AR TAYL	OR CRE	EK (L	-6)										0.2A
11/17/70 1325		?	80	50.0F	: '.'	93										-				****
11/18/70 1245	5050	s												.05	••		==			
05/12/71 1140	5050					78					••			.03						
	67	L 856.	5 003.	.4 L	AKE TAI	40E NE/	AR CAMP	RICHA	RDSON	(5-6	5)									
08/18/71 1055	5050 5050		7.2 80	69.0F	7.3	77 90								1.4						
	G 7	L 857.	0 958.	0 2 L	AKE TA	HOE AT	SURF A	ND SAN	105 PI	ER ((CONNOL	LY5) S	-10							
08/18/71 0830	5050 5050		7.2 90	69.3F 20.70	7.5	97 92								2.8 .08 9						
	67	L 900.	0 000.	.0 L	AKE TA	HOE - 9	SOUTH C	ENTER	(C-1)											
11/17/70 1005	5050	2	9.1 79	49.1F 9.50		93														0.12A
11/17/70 1010	5050	328	9.8 79	43.2F		92														0.10A
11/18/70 1150		2												.02						
05/12/71 1035						91								1.8 .05 5						
08/18/71 0930	5050 5050		7.4 81	68.00 20.00	F 7.н С	94 91								2.4 .07 8						
	G7	L 900.	4 956.	.9 l	LAKE TA	HOE AT	ZEPHYR	COVE	PIER	(5-8))									
08/18/71 0740			7.3 79	67.69 19.80	7.5 C	99 99								3.1 .09 10						

DATE	SAMPLER G.H. LAB Q DEPTH	DO TEMP	FIELO		CONSTITU	ENTS :	N MI PE	LLIGRAM LLIEQUI RCENT R	(VALEN REACTA	TS PE	R LITER ALUE	8	F	PER LITER	H TURB
	• • • • • • •			CA MG	NA .	* * ·	C03	HC03	504	CL	NO3		102	SUM NCI	H 5AR
	G7 L 900.	5 956.9 L	AKE TAHOE AT	ZEPHYR CO	VE (L-8)										
11/17/7 1200	0 2	9.3 49.3F 81 9.60													0.1A
11/18/7 1140	0 5050 5050 2									1.4					
05/12/7 1025	1 5050 5050		93							1.0					-
08/18/7 0910	5050 5050	7.9 68.0F 86 20.0C								1.3			::		
	G7 L 900.	9 006.8 L	AKE TAHOE AT	RUBICON B	AY (L-2)										
11/17/7 1405	5050	9.4 49.6F ·83 9.8C	7.7 93										==		0.14
11/18/7 1305	5050 5050 2				- 					1.6					
05/12/7 1215	5050 5050		92							1.3					
08/18/7 1125		7.4 70.0F 83 21.1C	7.7 90 92										==		
	G7 900 a	9 006.8 2 L	AKE TAHOE AT	RUBICON B	AY PIFR	(A.I.		PIFR	5=2	10					
08/18/71 1020		7.5 68.0F 82 20.0C	7.5 91							1.2			==		
	G7 L 902.	3 007.2 L	AKE TAHOE AT	MEEKS BAY	RESORT F	PIER (S-12)			J					
08/25/71 0955		7.5 67.0F 81 19.4C	7.8 91							1.7 .05 5			==		
	G7 L 904.5	5 008.4 L	AKE TAHOE AT	CHAMBERS L	.00GE (L-	-9)									
11/17/70 1440	5050	9.1 49.5F 80 9.7C	7.9 91		•								==		0.1A
11/18/70 1320	5050 5050 2									1.8					
05/12/71 1235			91							2.0 .06 7			==		
	G7 L 904.5	008.4 2 L	AKE TAHOE AT	CHAMBERS L	ANDING P	IER (5-9)								
08/18/71 1145	5050 5050	7.6 68.5F 84 20.3C	7.5 95 93		· ••					2.2 .06 6			==		
	G7 L 905.3	956.4 L	AKE TAHOE AT	GLENBROOK	8AY PIER	(5-3)								
08/25/71 0805		7.3 66.0F 78 18.9C								1.3					
	G7 L 905∙4	956.4 LA	AKE TAHOE AT	GLENBRUOK	(L-3)										
11/18/70 1045										1.5					
11/18/70 1055	5050	9.2 48.6F 80 9.2C	7.9 93												0.1A
05/12/71 1000			93							1.9 .05 5			==		
	G7 L 907.8	009.2 LA	KE TAHOE AT	PIER NEAR	MOUTH OF	WARD	CREEK	(5-11))						
08/25/71 1120		8.1 67.1F 88 19.5C								2.9 .08 9			==		
	G7 L 908.7	000.3 LA	AKE TAHOE - N	ORTH CENTE	R (C-2)										
11/16/70 1420	5050	8.9 49.1F 78 9.5C													0.13A
11/16/70 1425	5050 361	9.9 43.7F 90 6.5C	7.5 93									· -			0.13A
11/18/70 1025										1.4		· -			
05/12/71 0940	5050 5050		92							1.1 .03 3		-			

TIM		SAMPLER LAB		DO SAT		FIELD LABORAT PH	EC	CA	4G	NA	ĸ	IN MI	ILLIGRAI ILLIEOU: ERCENT I HCO3	IVALEN REACTA 504	NCE V	R LITER	8	IGRAMS PER L	TH	TURB SAR
		G7	L 908.7	000.	3 LA	KE TAH									ONTIN			•		
	8/71 25	5050 5050		7.4	67.5F 19.7C		89 91								1.7					
		G 7	L 910.8	007.	l LA	KE TAH	E NEA	R LAKE	FORE5	T (L-5	5)									
11/1 15		5050	2	9.3 81	49.3F 9.6C	7.7	93													0.2A
	8/70 15	5050 5050	2												.06					
05/1 08	2/71 10	5050 5050					86								.02					
		G7	L 910.8	007.1	2 LA	KE TAHO	E AT	U5 COA5	T GUA	RO PIE	R (5	- 5)								
	5/71 55	5050 5050			68.5F 20.3C	7.6	102 92								2.4 .07 8					
			L 914.2	002.2	2 LA	KE TAHO	E AT	TAHOE V	ISTA	(L-7)										
09	8/70 45	5050	2												2.6 .07					
11/1	9/70 15	5050	2	9.1 78	48.0F 8.9C	7.9	90													0.1A
	2/71 50	5050 5050	-				92								.03			==		
08/1	8/71 25	5050 5050			68.0F 20.0C	7.7	91 92								3.9 .11 12			<u></u> `		
		67	L 914.2	002.3	B LA	KE TAHO	EAT	KINGS 8	EACH F	PIER (HERI	TAGE C	OVE) 5-	-7						
08/1		5050 5050			69.8F 21.0C	7.5	96 92								2.3 .06 7					
		G7	L 914.2	956.6	LA	KE TAHO	EAT	KINGS C	ASTLE	PIER	(5-4)								
08/11 132		5050 5050		7.2 82	71.4F 21.9C	7.5	95 92								1.4					
		G 7	L 914.3	956.8	LA	KE TAHO	E AT	INCL INE	GUAR	STAT	ION	(L-4)								
11/10	6/70 40	5050	5		49.8F 9.9C	7.9	93													0.2A
	8/ 7 0 00	5050 5 0 50	2												1.7 .05					
05/17 091	2/71 10	5050 5050					91								.03					
079	55			81	69.0F 20.5C		89 92								1.1 .03 3					
		G7																		
074	45	5050 5050	4.10 1230				84	•47 57	1.8 .15 18	3.6 .16 19		.00	.67 81		3.1 .09 11				31 3	4E 0.3
16			5.52 2520				66													
09/2: 164	3/71 45	5050	3.84 583	81	14 C	7.7	78	•46 59	1.5 .12 15	3.8 .17 22		.00	42 •69 88		3.3 .09 12				29 6	2E 0.3
05 (1)	2 / 7 1		1665.0						E CITY	r				_						
160		5050	74			7.4	92											==		
08/29	5/71		3020.0				EEK I	STAR		· (T=8	,				.5					
130	05	5050 5050	3050.0				104 K NFA	₹ MOUTH	(T-5)		-	- -			.01		•			
	5/71 30	5050 5050		8.2	59.0F	7.5	64 65								5.0 •14 22			==		

TTME	SAMPLER LAB	0		TEMP) TOBY	MINER	NI CON	ST 1 T111	ENTS	TAI	MILLIGR	ITWALE !	UTS PF	RITTE	- O				
		DEPIH			PH	EC	CA .	MG	NA * * *	K	C03	PERCENT HC03	SO4	CL	NO3	8	F 5102	TD5 5UM	TH NCH	TURB SAR
		3100.0			OUT CRE															
05/13/71 1430	5050	7.28 83	9.2		7.2	41														
	G7	3160.0			DDEN C		EAR MOL	лн (т	-10)											
08/25/71 1045	5050 5050		8.4 78	54.0F 12.2C	7.3	43 43								.01			==			
		3230.0					AR MOUT	ГН (T-	6)											
08/25/71 0720	5050 5050	8.5	8.8	53.4F 11.9C	7.3	75 68								.00						
	G7	3253.0)1	IN	CLINE (CREEK	AT INCL	INE V	ILLAG	E (T-	-2)									
11/18/70 1110	5050 5050	1	10.8	37.9F 3.3C	7.3	74								.01			==			5.0A
05/12/71 1000	5050 5050		10.0	43.0F 6.1C	7.1	64								.00						
08/25/71 0745	5050 5050			51.8F 11.0C	7.3	69 61								•0	,					
	G7	3300.0	1	GE	NERAL (CREEK !	NEAR ME	EKS 8	AY (T	-3)										
11/18/70 1230	5050 5050	1	79	37.0F 2.8C	7.1	59								•00						0.3A
05/12/71 1125	5050 5050		10.7 79	37.0F 2.8C	6.9	19 17								•00			==			
08/25/71 1040		6.5	8.8 83	55.0F 12.8C	7.3	65 56								.00						
	G7	3571.0)1	TA	YLOR CF	REEK NE	EAR CAN	IP RIC	HARDS	ON (1	T-4)									
11/18/70 0845	5050 5050	1	78	43.0F 6.1C		28								.01						AS.0
05/12/71 0845	5050 5050		9.3 76	44.0F 6.7C	6.9	26 24								.3 .01 4						
08/25/71 1000		12	7.5 81	67.5F 19.7C	7.2	28 25								.01 4			==			
	67	3680,0	0	ED	GEWOOD	CREEK	AT STA	TE LI	NE (NE	AR M	нтион	T-7)								
08/25/71 0835	5050 5050			49.8F 9.9C		110 102								.02 2						
		3705.0					RIVER	EAR M	DUTH	(T-1)	1									
11/18/70 0945	5050 5050	1				79								3.2 .09						0.7A
05/12/71 0800	5050 5050		8.2 60	37.0F 2.8C	6.9	28 27								.5 .01 4						
08/25/71 0935	5050 5050			61.3F 16.3C	7.3	78 70								2.8 .08 11						
	67	3750.0				ICKEE F	RIVER N	EAR M	EYER5											
05/13/71 0830	5050	6.77 308	10.3		6.8	40														
		3810.0					AR MOUT	н (т-	9)											
08/25/71 0915	5050 5050			55.0F 12.8C	7.3	53 44								.00						
05/13/71		4100.0			ACKWDOE	44	NEAR	TAHDE	CITY											
1530		168																		
04/14/71		2300.0		CA 37 F		VER, 1	6.6	2.1	7 w000	FORD)S .0	27		.7					25	5E
0930	5050	245	82	3 C	7.3	50	•33 66	•17 34	50 •10		•00	.44 88		.02	-					0.2
05/13/71 0800	5050	2.77 360	10.8		7.6	42														
09/23/71 0900	5050			46 F 8 C		77 74	9.3 .46 62	1.2 .10 14	3.6 .16 22		.00	.70 95		.5 .01 1					28 7	1E 0.3

DATE	SAMPLER LAB	G.H. Q DEPTH	DO SAT	TE	MP	FIE LABUR	LD ATORY EC	MINE	ERAL CO)N5T] TU	ENTS	IN N	ILLIGR	IIVALE	NTS PE	ER LITE	MIL R B	LIGRAM5	PER I	LITER	TURB
				0 6				CA	MG	NA	к • •	C03	HC03		CL	NO3		5102	5UM	NCH	5AR
	GA	3040.	00		11	DIAN	CREEK	RESERV	/01R OL	TLET N	EAR I	#000F0	R05								
09/23/71 1030	5050 5050	1.51 3.1	7.8 78	60 16		7.8 7.1	500 495	2.15 43	3.3 .27 5	2.00 40		.00	139 2.28 46			47.0 .76 15	•50			121 7	1.8
	68	3148.	01		MA	RKLEE	VILLE	CREEK	AT MAR	KLEEVI	LLE										
05/13/71 0840	5050		10.9			6.8	52														
07/12/71 1600	5050	40						~ ~													
	G8	3420.	20		CA	R50N	RIVER	EF. A	T HWY	4 BRID	GE NE	AR MA	RKLEEV	ILLE							
04/14/71 1015	5050 5050		11.0 85	40 4		7.5 7.6	99 96	11 •55 57	2.3 .19 20	4.4 .19 20		.00	.79 82		1.6 .05 5					37 3	6E 0.3
07/12/71 1625	5050		8.0 84	64 18	F C	7.4	57											==			
09/23/71 1140	5050 5050		9.4 86			7.8 7.9	110 112	12 •60 54	2.7 .22 20	6.6 .29 26		.00	58 • 95 85		2.5 .07 6			==		41 7	13E 0.4
	69	2460.	00		WE	ST WAI	LKER R	IV 8EL	OW LIT	TLE WAI	LKER	RIV N	R COLEV	ILLE							
04/14/71 1145	5050 5050	2.16 263	10.5 83	42 6		7.4 7.5	72 70	9.6 .48 69	1.0 .08 11	2.5 .11 16		.00	38 •62 89		.6 .02 3					38	0.2 SE
05/13/71 1000	5050	3.00 585	9.7			7.4	120														
09/23/71 1300	5050 5050	1.17	°9∙8 92	55 13		8.0 8.1	125 121	16 •80 66	2.7 .22 18	5.9 .26 21		.00	65 1.07 88		2.1 .06 5					51 3	2E 0.4
	G 9	3200.0	00		EA	ST WAL	KER R	IVER N	EAR 8R	IDGEP0	रा										
04/14/71 1240	5050 5050	1.37 168	9.3 81	49 9	F C	8.0	230 236	25 1.25 55	4.3 .35 15	16 •70 31		.00	115 1.88 83		3.5 .10 4			==		80 14	20E 0.8
05/13/71 1130	5050	1.43 184	9.0			7.4	220														
09/23/71 1345	5050 5050	1.14 97	7.2 70	58 14	F C	8.0 8.1	200 197	25 1.25 63	3.1 .25 13	12 •52 26		.00	109 1.79 91		2.7 .08 4					75 15	55E 0•6

TABLE D-3

MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

Constituents

- MBAS Methylene blue active substance, a measure of detergent surfactants
- BOD Biological oxygen demand

Abbreviations

- mg/1 Milligrams per liter
- ug/1 Micrograms per liter
- ft. Feet

Lab and Sampler Agency Codes

- 5000 U. S. Geological Survey
- 5001 U. S. Bureau of Reclamation
- 5006 McClellan Air Force Base Laboratory
- 5050 Department of Water Resources

MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

Station Number	Station	Date Time	Constitues	nts	Somp	Lob
AO 2100.00	SACRAMENTO RIVER AT SACRAMENTO	06-08-71 0910	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/L 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	50 50
AO 2112.00	SACRAMENTO RIVER AT ELKHORN FERRY	05-19-71 1230	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.0 ug/l	5050	5050
AO 2170.00	SACRAMENTO RIVER AT FREMONT WEIR, WEST END	05-19-71 1115	Arseuic Barlum Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.2 ug/l 0.00 mg/l	5050	5050
AO 2195.01	SACRAMENTO RIVER BELOW KNIGHTS LANDING .	10-14-70 1400	Aluminum Beryllium Bismuth Cadmium Chromium Cobelt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	18	5050	5000
		05-25-71 1600	Arsenic Barium Cadmium Lead Mercury Selenium Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 22 ug/l <0.6 ug/l <1.4 ug/l <1.4 ug/l <1.4 ug/l <5.7 ug/l <0.3 ug/l <1.4 ug/l <5.7 ug/l <0.3 ug/l <1.4 ug/l <5.7 ug/l <1.4 ug/l <5.7 ug/l <1.5 ug/l <1.5 ug/l <1.5 ug/l <1.5 ug/l <1.7 ug/l <1.8 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l <1.9 ug/l	5050	5050
AO 2230.02	SACRAMENTO RIVER ABOVE COLUSA BASIN DRAIN	10-14-70 1145	Aluminum Beryllium Bismuth Cadmium Chromium Chromium Cobalt Copper Gallium Germanium Iron Manganese Molybdenum Nickel Titanium Vanadium Zinc	13	5050	5000
		05-25-71 1345	Arsenic Berium Cadmium Lead Mercury Selenium Aluminum Beryllium Bismuth Cadmium Chromium	0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 28 ug/1 <0.6 ug/1 <1.4 ug/1 <1.4 ug/1	5050	5050

MISCELLANEOUS CONSTITUENTS IN SURFACE WATER

Station Number	Station	Date Time	Constituents		Samp	Lab
AO 2230.02	SACRAMENTO RIVER ABOVE COLUSA BASIN DRAIN (Continued)	05-25-71 1345	Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	<1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <5.7 ug/1 <0.3 ug/1 31 ug/1 <1.4 ug/1 <1.4 ug/1 <0.3 ug/1 <0.6 ug/1 6.3 ug/1 <5.7 ug/1	5050	5000
A0 2420.00	SACRAMENTO RIVER AT COLUSA	04-04-71 0940	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	34 ug/1 <0.6 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.5.7 ug/1 <0.3 ug/1 <1.4 ug/1 <0.3 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1	5050	5000
		05-25-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.1 ug/1 0.00 mg/1	5050	5050
		09-28-71 0945	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	170 ug/1 <0.6 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <5.7 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.5 ug/1 <0.3 ug/1 <1.5 ug/1 <0.3 ug/1 <1.5 ug/1 <0.5 ug/1 <0.5 ug/1 <0.5 ug/1 <0.5 ug/1 <0.5 ug/1 <0.5 ug/1	5050	5000
A0 2630.00	SACRAMENTO RIVER AT HAMILTON CITY	03-17-71 1245	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	43	5050	5000
		05-18-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 mg/l	5050	5050
		09-23-71 1300	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium	250	5050	5000

Station Number	Station	Dote Time	Constituents	Samp	Lob
AO 2630.00	SACRAMENTO RIVER AT HAMILTON CITY (Continued)	09-23-71 1300	Lead <1.4	1 1 1 1 1	5000
AO 2785.00	SACRAMENTO RIVER AT BEND BRIDGE	01-13-71 1230	Aluminum 110 ug/ Beryllium <0.6 ug/ Blsmuth <0.3 ug/ Cadmium <1.4 ug/ Chromium <1.4 ug/ Chromium <1.4 ug/ Cobalt <1.4 ug/ Copper <1.4 ug/ Gallium <5.7 ug/ Germanium <0.3 ug/ Iron 54 ug/ Lead <1.4 ug/ Manganese 3.4 ug/ Molybdenum <0.3 ug/ Nickel 0.4 ug/ Titanium 13 ug/ Vanadium 15 ug/ Zinc <5.7 ug/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5000
		05-24-71	Arsenic 0.00 mg/ Barium 0.1 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.0 ug/ Selenium 0.00 mg/	1 1 1 1	5050
		09-27-71 0710	Aluminum 260 ug/ Beryllium <0.6 ug/ Beryllium <0.6 ug/ Bismuth <0.3 ug/ Cadmium <1.4 ug/ Chromium <1.4 ug/ Cobalt <1.4 ug/ Copper <1.4 ug/ Gallium <5.7 ug/ Garmanium <0.3 ug/ Iron 130 ug/ Lead <1.4 ug/ Manganese <1.4 ug/ Mickel 0.4 ug/ Nickel 0.4 ug/ Vanadium 21 ug/ Vanadium 12 ug/ Vanadium 12 ug/ Zinc <5.7 ug/		5000
AO 2925.00	SACRAMENTO SLOUGH AT SACRAMENTO RIVER	05-25-71	Arsenic 0.00 mg/ Barium 0.0 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.0 ug/ Selenium 0.00 mg/	1 1 1 1	5050
AO 2933.00	R. D. 108 DRAINAGE TO SACRAMENTO RIVER	05-25-71 	Arsenic 0.00 mg/s Barium 0.0 mg/s Cadmium 0.00 mg/s Lead 0.00 mg/s Mercury 0.0 ug/s Selenium 0.00 mg/s	l l l	5050
AO 2947.10	COLUSA BASIN DRAIN NEAR KNIGHTS LANDING	05-25-71	Arsenic 0.00 mg/ Barium 0.0 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.1 ug/ Selenium 0.00 mg/	l l l	5050
AO 2950.00	R. D. 787 DRAINAGE TO COLUSA BASIN DRAIN	05-25-71	Arsenic 0.00 mg/ Barium 0.0 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.0 ug/ Selenium 0.00 mg/	l l l	5050
AO 2955.00	R. D. 787 DRAINAGE TO SACRAMENTO RIVER	05-25-71	Arsenic 0.00 mg/ Barium 0.0 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.1 ug/ Selenium 0.00 mg/	! ! !	5050
AO 2965.00	R. D. 70 DRAINAGE TO SACRAMENTO RIVER	05-25-71	Arsenic 0.00 mg/ Barium 0.0 mg/ Cadmium 0.00 mg/ Lead 0.00 mg/ Mercury 0.0 ug/ Selenium 0.00 mg/	l l l	5050

Station Number	Station	Date Time		Constituents	Samp	Lab
AO 2972.00	BUTTE SLOUGH NEAR MERIDIAN	05-25-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/1 0.0 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
AO 2976.00	COLUSA BASIN DRAIN AT HIGHWAY 20	05-25-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.0 ug/l 0.00 mg/l	5050	5050
AO 3220.01	THOMES CREEK AT RICHFIELD	05-20-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 mg/l	5050	5050
AO 3320.00	ELDER CREEK AT GERBER	05-20-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 ug/l 0.00 ug/l	5050	5050
AO 3460.00	RED BANK CREEK NEAR RED BLUFF	05-18-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050
AO 3520.50	COTTONWOOD CREEK AT COTTONWOOD	05-24-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 ug/l	5050	5050
AO 3595.00	COTTONWOOD CREEK, SOUTH FORK, NEAR COTTONWOOD	05-24-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/1 0.2 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
AO 4321.01	DEER CREEK AT HIGHWAY 99E NEAR VINA	05-18-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
AO 4420.50	MILL CREEK NEAR MOUTH NEAR LOS MOLINOS	05-18-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.01 mg/1 0.0 mg/1 0.00 mg/1 0.01 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
AO 4520.50	ANTELOPE CREEK NEAR MOUTH NEAR RED BLUFF	05-18-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A0 4630.01	PAYNES CREEK NEAR RED BLUFF	05-20-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.0 mg/l	5050	5050
AO 5103.00	FEATHER RIVER AT NICOLAUS	10-07-70 0900	Arsenic Chromium Copper Iron Lead Manganese Phenols Selenium Zinc	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.02 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.001 mg/l 0.001 mg/l 0.003 mg/l 0.03 mg/l	5050	5050
		11-05-70 1020	Arsenic Chromium Copper	0.00 mg/1 0.00 mg/1 0.01 mg/1	5050	5050

Station Number	Station	Date Time	Consti	ituents	Samp	Lab
A0 5103.00	FEATHER RIVER AT NICOLAUS (Continued)	11-05-70 1020	Iron Lead Manganese Phenols Selenium Zinc	0.03 mg/l 0.00 mg/l 0.00 mg/l 0.000 mg/l 0.00 mg/l 0.01 mg/l	5050	5050
		12-09-70 1010	Arsenic Chromium Copper Iron Lead Manganese Phenols Selenium Zinc	0.00 mg/1 0.00 mg/1 0.04 mg/1 0.05 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1	5050	5050
		05-19-71 0715	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050
NO 5165.00 FEATHER RIVER NEAR GRIDLEY .	10-07-70 0645	Arsenic Chromium Copper Iron Lead Manganese Phenols Selenium Zinc	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.02 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050	
	11-05-70 0830	Arsenic Chromium Copper Iron Lead Manganese Phenols Selenium Zinc	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.02 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050	
		12-09-70 0840	Arsenic Chromium Copper Iron Lead Manganese Phenols Selenium Zinc	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.02 mg/l 0.02 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050
		05-18-71 1700	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
AO 5191.00	FEATHER RIVER AT OROVILLE	05-20-71 0725	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.3 ug/l 0.00 mg/l	5050	5050
A0 6120.00	YUBA RIVER AT MARYSVILLE	05-04-71 1230	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.01 mg/l 0.2 ug/l 0.00 mg/l	5050	5050
AO 6550.00	BEAR RIVER NEAR WHEATLAND	05-04-71 1045	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050
AO 7140.10	AMERICAN RIVER AT SACRAMENTO WATER PLANT	05-06-71 1330	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050

Station Number	Station	Date Time	Co	onstituents	Samp	Lab
A1 1020.00	PIT RIVER NEAR MONTGOMERY CREEK	05-11-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.0 ug/l	5050	5050
A1 1680.00	PIT RIVER NEAR CANBY	10-07-70 0815	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	480 ug/1 <0.6 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <5.7 ug/1 <0.3 ug/1 <5.7 ug/1 <0.3 ug/1 <4.4 ug/1 <5.9 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1 <1.7 ug/1	5050	5000
		05-11-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
		06-03-71 1615	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	>570 ug/1 <0.6 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <5.7 ug/1 <0.3 ug/1 <1.4 ug/1 <2.8 ug/1 <1.4 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1 <5.7 ug/1	5050	5000
A1 4400.00	PIT RIVER, SOUTH FORK, NEAR LIKELY	06-04-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 mg/l	5050	5050
A2 1010.00 SACRAMENTO RIVER AT KESWICK	SACRAMENTO RIVER AT KESWICK	01-18-71 1420	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium Iron Lead Manganese Molybdenum Nickel Titanium Vanadium Zinc	49	5050	5000
		05-24-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/1 0.2 mg/1 0.00 mg/1 0.00 mg/1 0.1 ug/1 0.00 mg/1	5050	5050
		09-27-71 1115	Aluminum Beryllium Bismuth Cadmium Chromium Cobalt Copper Gallium Germanium	190 ug/1 <0.6 ug/1 <0.3 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.4 ug/1 <1.5 ug/1 <1.5 ug/1 <1.5 ug/1 <1.6 ug/1 <1.7 ug/1 <1.7 ug/1 <0.3 ug/1 130 ug/1	5050	5000

Station Number	Station	Date Time	Constituents	Samp	Lab
A2 1010.00	SACRAMENTO RIVER AT KESWICK (Continued)	09-27-71 1115	Lead <1.4	/1 /1 /1 /1 /1	5050
A2 1300.00	SACRAMENTO RIVER AT DELTA	05-10-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 mg Selenium 0.00 mg	/1 /1 /1 /1	5050
A2 2150.00	McCLOUD RIVER ABOVE SHASTA LAKE	05-10-71	Arsenic 0.00 mg Barium 0.0 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A3 1110.00	STONY CREEK BELOW BLACK BUTTE DAM	05-18-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A3 1250.00	STONY CREEK NEAR FRUTO	05-18-71	Arsenic 0.00 mg Barium 0.2 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A3 1302.00	GRINDSTONE CREEK NEAR ELK CREEK	05-18-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A3 2120.00	THOMES CREEK AT PASKENTA	05-18-71 	Arsenic 0.00 mg Barium 0.0 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A3 6130.00	CLEAR CREEK NEAR IGO	05-24-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.1 us Selenium 0.00 mg	/1 /1 /1 /1	5050
A4 1110.00	BUTTE CREEK NEAR CHICO	05-18-71	Arsenic 0.00 mg Barium 0.0 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 us Selenium 0.00 mg	/1 /1 /1 /1	5050
A4 2110.00	BIG CHICO CREEK NEAR CHICO	05-18-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A4 7110.00	BATTLE CREEK NEAR COTTONWOOD	05-24-71	Arsenic 0.00 mg Barium 0.1 mg Cadmium 0.00 mg Lead 0.00 mg Mercury 0.0 ug Selenium 0.00 mg	/1 /1 /1 /1	5050
A4 8110.00	COW CREEK NEAR MILLVILLE	05-24-71	Arsenic 0.00 mg Barium 0.0 mg Cadmium 0.00 mg Lead 0.01 mg Mercury 0.0 ug Selenium 0.00 mg	71 5050 71 71 71 71 71	5050
A5 R 953.0 028.6	LAKE DAVIS NEAR DAM	04-28-71 1700 (75 feet)	Iron, Total 0.31 mg. Manganese 0.08 mg.	1 5050	5050
		04-28-71 1710 (38 feet)	Iron, Total 0.31 mg. Manganese 0.11 mg.		5050

Station Number	Station	Date Time	Constituents		Samp	Lab
A5 R 953.0 028.6	LAKE DAVIS NEAR DAM (Continued)	04-28-71 1715 (1 foot)	Iron, Total Manganese Secchi Disk	0.42 mg/1 0.12 mg/1 7.2 ft.	5050	5050
A5 R 954.9 030.3	LAKE DAVIS, MIDLAKE (STATION 2)	04-28-71 1515	Secchi Disk	6.6 ft.	5050	
A5 R 955.9 031.3	LAKE DAVIS NEAR NORTH END (STATION 3)	04-28-71 1245	Secchi Disk	5.9 ft.	5050	
A5 2250.00	FEATHER RIVER, WEST BRANCH, NEAR PARADISE	05-18-71 1525	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A5 3140.10	FEATHER RIVER, NORTH FORK, ABOVE FLEA VALLEY CREEK	05-18-71 1355	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.0 ug/l	5050	5050
A5 4200.00	SPANISH CREEK ABOVE BLACKHAWK CREEK	05-18-71 1200	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
A5 4320.00	INDIAN CREEK NEAR CRESCENT MILLS	05-18-71 1235	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A5 5100.00	FEATHER RIVER, MIDDLE FORK, NEAR MERRIMAC	05-20-71 1000	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A5 5420.00	FEATHER RIVER, MIDDLE FORK, NEAR PORTOLA	05-18-71 1005	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
A5 6080.00	FEATHER RIVER, SOUTH FORK, BELOW PONDEROSA DAM	05-20-71 1205	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A6 1430.00	YUBA RIVER AT ENGLEBRIGHT DAM	05-20-71 1430	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.0 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
A6 4350.00	SOUTH YUBA RIVER NEAR WASHINGTON	05-15-71 1420	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.0 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
A6 4700.00	SOUTH YUBA RIVER NEAR CISCO	05-18-71	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050
A7 2190.01	AMERICAN RIVER, NORTH FORK ABOVE MIDDLE FORK, AT AUBURN	05-20-71 1545	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050
A7 3100.00	AMERICAN RIVER, MIDDLE FORK, NEAR AUBURN	05-20-71 1605	Arsenic Barium Cadmium	0.00 mg/l 0.0 mg/l 0.00 mg/l	5050	5050

Station Number	Station	Date Time	Constituents			Samp	Lab
A7 3100.00	AMERICAN RIVER, MIDDLE FORK, NEAR AUBURN (Continued)	05-20-71 1605	Lead Mercury, Total Selenium	0.00 0.0 0.00	mg/1 ug/1 mg/1	5050	5050
A8 1120.00	CACHE CREEK NEAR CAPAY	05-12-71 1045	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.1 0.00 0.00 0.0	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	50.50
A8 1250.00	BEAR CREEK NEAR RUMSEY	05-05-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.1 0.00 0.00 0.3	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	505
A8 1350.00	CACHE CREEK NEAR LOWER LAKE	05-05-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1		
A8 2050.00	CACHE CREEK, NORTH FORK, NEAR LOWER LAKE	05-05-71 	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 0.0 0.00 0.00 0.00 0.0	mg/1 mg/1 mg/1 ug/1	5050	505
A9 1250.00	PUTAH CREEK NEAR WINTERS	05-12-71 1210	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.1	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	5050
A9 5010.00	POPE CREEK NEAR POPE VALLEY	06-04-71 1100	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.0 0.00 0.00 0.00	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	505
BQ 2105.00	MOKELUMNE RIVER AT WOODBRIDGE	05-04-71 0830	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.0	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	505
		05-20-71 1330	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.1 0.00 0.00 0.	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	505
BO 2515.01	CALAVERAS RIVER AT STOCKTON	05-19-71 1530	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.1	ug/l	5050	505
BO 2580.00	STOCKTON DIVERTING CANAL AT STOCKTON	05-20-71 0830	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.1 0.00 0.00 0.0	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	505
BO 7020.00	SAN JOAQUIN RIVER NEAR VERNALIS	10-06-70 0920 10-08-70	Chemical Oxygen Demand Ultimate Oxygen Demand Secchi Disk	16 21 0.7	mg/l mg/l ft.	5050 5001	505
		1200 10-20-70	Chemical Oxygen Demand	2	mg/l	5050	505
		1450 03-05-71	Ultimate Oxygen Demand Secchi Disk	6 1.0	mg/l ft.	5001	
		1000 04-06-71	Secchi Disk	1.0	ft.	5001	
		0945 06-02-71	Secchi Disk	0.8	ft.	5001	
		1030 06-30-71	Secchi Disk	0.8	ft.	5001	

Station Number	Station	Dote Time	Canstituents			Samp	Lob
во 7020.00	SAN JOAQUIN RIVER NEAR VERNALIS (Continued)	08-03-71 1400	Secchi Disk	0.5	ft.	5001	
		08-31-71 1500	Secchi Disk	1.0	ft.	5001	
		09-28-71 1130	Secchi Disk	1.8	ft.	5001	
B1 1150.00	COSUMNES RIVER AT MICHIGAN BAR	05-18-71 0700	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.0	ug/l	5050	5050
B2 1150.00	DRY CREEK NEAR IONE	05-18-71 0820	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.03 0.1 0.00 0.00 0.00 0.0	mg/l ug/l	5050	5050
B2 1375.00	MOKELUMNE RIVER NEAR MOKELUMNE HILL	06-02-71 1145	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.1 0.00 0.00 0.2 0.00	mg/l ug/l	5050	50 50
B9 D 747.2 118.4	SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	10-06-70 0847	Chemical Oxygen Demand Ultimate Oxygen Demand	17 22	mg/l mg/l	5050	5050
		10-20-70	Chemical Oxygen Demand Ultimate Oxygen Demand	3 7	mg/l mg/l	5050	5050
		05-14-71 1315	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.0 0.00 0.00 0.00 0.0	mg/1 mg/1 mg/1 mg/1 ug/1	5050	5050
B9 D 748.3 126.9	OLD RIVER AT TRACY ROAD BRIDGE	10-06-70	Chemical Oxygen Demand Ultimate Oxygen Demand	32 41	mg/l mg/l	5001	5050
		10-13-70 0735	Chemical Oxygen Demand Ultimate Oxygen Demand	18 27	mg/l mg/l	5001	5050
		10-13-70 1250	Secchi Disk BOD (5 days) Suspended Solids	1.0 6.9 52	ft. mg/l mg/l	5001 5001	5001 5006
		10-20-70 0500	Chemical Oxygen Demand Ultimate Oxygen Demand	18 25	mg/l mg/l	5001	5050
		11-05-70 0730	Chemical Oxygen Demand Ultimate Oxygen Demand	22 28	mg/l mg/l	5001	5050
		11-17-70 1230	Secchi Disk	1.3	ft.	5001	
		02-17-71 1415	Secchi Disk BOD (5 days)	1.8	ft. mg/l	5001	5001
		03-22-71	Secchi Disk	1.2	ft.	5001	5002
		04-28-71 1450	Secchi Disk BOD (5 days) Suspended Solids	0.9 5.8 30	ft. mg/l	5001 5001	5001 5006
		05-18-71 1500	Secchi Disk BOD (5 days)	0.8	ft. mg/l	5001	5001
		06-09-71 1528	Secchi Disk BOD (5 days)	0.9	ft. mg/l	5001	5001
		07-15-71 1510	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.2 14.0 96 13	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		08-09-71 1305	Secchi Disk BOD (5 days)	0.8	ft. mg/l	5001	5001
		09-13-71 1425	Secchi Disk BOD (5 days)	1.3	ft. mg/l	5001	5001
B9 D 748.5 120.0	OLD RIVER BELOW HEAD	10-06-70	Chemical Oxygen Demand	27	mg/l	5001	5050
		10-13-70	Ultimate Oxygen Demand Chemical Oxygen Demand	33 11	mg/l	5001	5050
		0630 10-20-70	Ultimate Oxygen Demand Chemical Oxygen Demand	16	mg/l	5001	5050
		0610 11-05-70 0905	Ultimate Oxygen Demand Chemical Oxygen Demand Ultimate Oxygen Demand	14 15 18	mg/l mg/l mg/l	5001	5050

Station Number	Station	Date Time	Constituents			Samp	Lo
9 D 749.3 122.5	OLD RIVER AT JUNCTION WITH MIDDLE RIVER	10 -0 6-70	Chemical Oxygen Demand Ultimate Oxygen Demand	20 26	mg/l mg/l	5001	50.
		10-13-70 0645	Chemical Oxygen Demand Ultimate Oxygen Demand	10 14	mg/l mg/l	5001	50
		10-20-70 0540	Chemical Oxygen Demand Ultimate Oxygen Demand	6 10	mg/1 mg/1	5001	50
		11-05-70 0805	Chemical Oxygen Demand Ultimate Oxygen Demand	13 16	mg/1 mg/1	5001	50
9 D 749.5 133.1	OLD RIVER AT CLIFTON COURT FERRY	05-14-71 1200	Arsenic Barlum Cadmium Lead Mercury, Total Selenium	0.00 0.0 0.00 0.00 0.00	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	50
9 D 751.9 119.3	SAN JOAQUIN RIVER AT BRANDT BRIDGE	10-06-70 0748	Chemical Oxygen Demand Ultimate Oxygen Demand	21 26	mg/1 mg/1	5050	50
		10-20-70	Chemical Oxygen Demand Ultimate Oxygen Demand	2	mg/l mg/l	5050	50
9 D 752.6 122.9 MIDDLE RI	MIDDLE RIVER AT WILLIAMS BRIDGE NEAR HOLT	10-13-70 1215	Secchi Disk BOD (5 days) Suspended Solids	0.8 5.3 95	ft. mg/l mg/l	5001 5001	50 50
		11-17-70 1140	Secchi Disk	1.2	ft.	5001	
		02-17-71 1305	Secchi Disk BOD (5 days)	1.3	ft. mg/l	5001	50
		03-22-71 1110	Secchi Disk	1.0	ft.	5001	
		04-28-71 1415	Secchi Disk BOD (5 days)	0.7 3.6	ft. mg/l	5001	5(
		05-18-71	Suspended Solids Secchi Disk	85 0.5	mg/l ft.	5001 5001	50
		1425 06-09-71	Secchi Disk	0.7	ft.	5001	
		1445 07-15-71	BOD (5 days) Secchi Disk	3.8 0.6	mg/l ft.	5001	5
		1405	BOD (5 days) Suspended Solids Volatile Suspended Solids	2.0 111 16	mg/l mg/l mg/l	5001	5(5(
		08-09-71 1340	Secchi Disk BOD (5 days)	0.8 7.2	ft. mg/l	5001	50
		09-13-71 1500	Secchi Disk BOD (5 days)	0.8	ft. mg/l	5001	50
D 753.5 129.3	MIDDLE RIVER AT BORDEN HIGHWAY	10-13-70 1135	Secchi Disk	1.0	ft.	5001	
		11-17-70 1050	Secchi Disk	1.3	ft.	5001	
		02-17-71 1300	Secchi Disk	0.9	ft.	5001	
		03-22-71 1030	Secchi Disk	1.3	ft.	5001	
		04-28-71 1335	Secchi Disk	0.7	ft.	5001	
		05-18-71 1340	Secchi Disk	0.7	ft.	5001	
		06-09-71 1350	Secchi Disk	0.5	ft.	5001	
		07-15-71 1330	Secchi Disk	0.9	ft.	5001	
		08-09-71 1230	Secchi Disk	1.0	ft.	5001	
		09-13-71 1350	Secchi Disk	0.9	ft.	5001	
D 756.1 125.8	WHISKY SLOUGH AT HOLT	10-13-70 1050	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	5(
			Suspended Solids	12	mg/l	5001	50
		11-17-70 1005	Secchi Disk	1.3	ft.	5001	
		02-17-71 1210	Secchi Disk BOD (5 days)	1.5	ft. mg/l	5001	50
		03-22-71 0950	Secchi Disk	1.3	ft.	5001	

Station Number	Station	Date Time	Constituents		Samp	Lol
39 D 756.1 125.8	WHISKY SLOUGH AT HOLT (Continued)	04-28-71 1250	Secchi Disk BOD (5 days) Suspended Solids	3.6 m	t. 5001 g/1 g/1 5001	500 500
		05-18-71 1315	Secchi Disk BOD (5 days)		t. 5001 g/1	500
		06-09-71 1314	Secchi Disk BOD (5 days)	1.3 f	t. 5001 g/l	50
		07-15-71 1255	Secchi Disk BOD (5 days) Suspended Solids	0.7 f 4.5 m	t. 5001 g/1 g/1 5001	50i 50i
		08-09-71	Volatile Suspended Solids Secchi Disk	8 m	g/1 t. 5001	
		1145	BOD (5 days)	3.9 m	g/l	50
		09-13-71 1310	Secchi Disk BOD (5 days)		t. 5001 g/l	50
9 D 757.8 121.9	STOCKTON SHIP CHANNEL AT BURNS CUTOFF	10-06-70 0633	Chemical Oxygen Demand Ultimate Oxygen Demand		g/1 5050 g/1	50
		10-20-70	Chemical Oxygen Demand Ultimate Oxygen Demand	6 m	g/1 5050 g/1	50
9 D 758.7 122.9 SAN JOAQUIN RIVER AT BUCKLEY COVE	10-12-70 1330	Secchi Disk BOD (5 days) Suspended Solids Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	5.5 m 30 m <0.01 m <0.1 m <0.1 m <0.01 m <0.01 m	t. 5001 g/1 g/1 5001 g/1 5001 g/1 g/1 g/1 g/1 g/1 g/1 g/1	50 50	
	11-16-70 1245	Secchi Disk BOD (5 days) Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	1.4 f 2.5 m <0.01 m <0.05 m <0.1 m <0.01 m <0.01 m	t. 5001 g/1 g/1 5001 g/1 g/1 g/1 g/1 g/1 g/1 g/1	50 50	
		02-17-71 1135	Secchi Disk BOD (5 days)		5001 g/1	50
		03-22-71 1305	Secchi Disk BOD (5 days) Cadmium Chromium Copper Iron Lead Manganese Zinc	2.1 m <0.01 m; <0.01 m; <0.05 m; <0.1 m; <0.01 m; <0.05 m;	t. 5001 g/1 g/1 5001 g/1 g/1 g/1 g/1 g/1 g/1 g/1	50 50
		04-28-71 1135	Secchi Disk BOD (5 days) Suapended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	3.8 m; 37 m; <0.01 m; <0.01 m; <0.05 m; <0.01 m; <0.05 m; <0.01 m; <0.05 m;	3/1 3/1 3/1	50 50
		05-18-71 1220	Secchi Disk BOD (5 days) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	6.0 m <0.01 m <0.01 m <0.05 m <0.48 m <0.01 m <0.12 m	3/1 3/1 3/1	50
		06-09-71 1230	Secchi Disk BOD (5 days)	1.0 ft 3.7 mg	5001 3/1	50
		07-15-71 1215	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solida Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese	1.1 ft 3.7 mg 45 mg 12 mg <0.01 mg <0.05 mg <0.1 mg	5. 5001 1/1 5001 1/1 5001 1/1 1 1/1 1 1/1 1 1/1 1	50 50

Station Number	Station	Date Time	Constituents			Samp	Lob
B9 D 758.7 122.9	SAN JOAQUIN RIVER AT BUCKLEY COVE	08-09-71 1100	Secchi Diek BOD (5 dsys) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	0.8 1.5 <0.01 <0.01 <0.05 <0.1 <0.05 0.05	mg/1 mg/1 mg/1	5001 5001	500 500
		09-13-71 1200	Secchi Disk BOD (5 days) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.9 2.7 <0.01 <0.01 <0.05 <0.1 <0.01 0.2 0.02	mg/1 mg/1 mg/1	5001	500 500
89 D 759.8 125.1	SAN JOAQUIN RIVER AT RINDGE PUMP	06-02-71 1015	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.1 0.00 0.00 0.0 0.0	mg/1 mg/1 mg/1 ug/1	5050	505
39 D 759.9 126.6	SAN JOAQUIN RIVER AT LIGHT 24	10-06-70 0605	Chemical Oxygen Demand Ultimate Oxygen Demand	14 17	mg/1	5050	505
		10-20-70	Chemical Oxygen Demand Ultimate Oxygen Demand	5 10	mg/l mg/l mg/l	5050	505
9 D 800.5 134.8	OLD RIVER AT HOLLAND TRACT	10-08-70 1430	Secchi Disk BOD (5 days)	0.8	ft. mg/l	5001	500
		03-05-71 1145	Secchi Disk	1.4	ft.	5001	
		04-06-71 1215	Secchi Disk	1.2	ft.	5001	
		05-04-71	Secchi Disk	1.1	ft.	5001	
	1400 06-02-71	Secchi Disk	0.8	ft.	5001		
	1330 06-30-71	Secchi Disk	1.2	ft.	5001		
		1225 08-03-71	Secchi Disk	1.0	ft.	5001	
		1520 08-31-71	Secchi Disk	1.3	ft.	5001	
		1600 09-28-71	Secchi Disk	1.3	ft.	5001	
9 D 800.7 138.4	DUTCH SLOUGH AT BETHEL ISLAND BRIDGE	1250 10-08-70	Secchi Disk	1.0	ft.	5001	
, , , , , , , , , , , , , , , , , , , ,	201011 020001 112 221112 202112 2021	1330	BOD (5 days) Secchi Disk	1.1	mg/l	5001	500
		03-05-71 1250		1.1	ft.		
		04-06-71 1300	Secchi Disk	1.0	ft.	5001	
		05-04-71 1440	Secchi Disk	1.1	ft.	5001	
		06-02-71 1410	Secchi Disk	1.0	ft.	5001	
		06-30-71 1300	Secchi Disk	1.0	ft.	5001	
		08-03-71 1600	Secchi Disk	1.1	ft.	5001	
		08-31-71 1630	Secchi Disk	1.2	ft.	5001	
		09-28-71 1400	Secchi Disk	1.3	ft.	5001	
9 D 801.1 142.6	BIG BREAK NEAR OAKLEY	10-07-70 1305	Secchi Disk BOD (5 days) Suspended Solids	0.8 1.3 76	ft. mg/l mg/l	5001 5001	500 500
		11-23-70	Secchi Disk	2.2	ft.	5001	500
		1210 03-03-71 0940	Suspended Solids Secchi Disk BOD (5 days) BOD (7 days)	1.7 0.6 1.0	mg/1 ft. mg/1 mg/1	5001	500
		03-24-71	Suspended Solids Secchi Disk	23	mg/l ft.	5001 5001	500
		1515	ACCOUNT NICK	1.5	10.	2001	

Station Number	Station	Date Time	Constituents			Samp	Lob
B9 D 801.1 142.6	BIG BREAK NEAR OAKLEY (Continued)	04-06-71 1440	Secchi Disk BOD (5 days) BOD (7 days)	0.9 0.4 0.9	ft. mg/l mg/l	5001	5001
		04-21-71 1415	Secchi Disk	1.0	ft.	5001	
		05~05-71 1425	Secchi Disk BOD (7 days) Suspended Solids	1.3 2.2 29	ft. mg/l mg/l	5001 5001	5001 5006
		05-19-71 1510	Secchi Disk	1.1	ft.	5001	
		06-03-71 1450	Secchi Disk Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.0 47 11 <0.01 <0.01 0.06 0.2 <0.01 <0.05 0.03	mg/l mg/l mg/l	5001	5006
		06-16-71 1340	Secchi Disk	1.1	ft.	5001	
		07-01-71 1315	Secchi Disk BOD (7 days) Suspended Solids	1.0 2.2 32	ft. mg/l mg/l	5001 5001	5001 5006
		07-15-71 1330	Volatile Suspended Solids Secchi Disk	5 1.5	mg/l ft.	5001	
		08-04-71 1605	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.1 1.6 29 6	ft. mg/l mg/l mg/l	5001	5001 5006
		08-17-71 1725	Secchi Disk	1.2	ft.	5001	
		09-01-71 1620	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 2.0 34 4	ft. mg/1 mg/1 mg/1	5001 5001	5001 5006
		09-15-71 1600	Secchi Disk	1.5	ft.	5001	
		09-29-71 1430	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 1.9 17 5	ft. mg/l mg/l mg/l	5001 5001	5001 5006
B9 D 801.1 148.1	SAN JOAQUIN RIVER AT ANTIOCH	05-14-71 0745	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.0 0.00 0.00 0.00	mg/l mg/l mg/l mg/l ug/l mg/l	5050	5050
B9 D 801.2 148.5	SAN JOAQUIN RIVER AT ANTIOCH SHIP CHANNEL	10-07-70 1230	Secchi Disk BOD (5 days) Suspended Solids	1.0 2.1 41	ft. mg/l mg/l	5001 5001	5001 5006
		11-20-70 1205	Secchi Disk BOD (5 days) Suspended Solids Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	1.3 1.1 22 <0.01 <0.05 <0.1 0.75 <0.05 0.17	mg/1	5001	5001 5006
		03-03-71 0835	Secchi Disk BOD (5 days) BOD (7 days)	1.6 0.9 1.0	ft. mg/l mg/l	5001	5001
		03-24-71	Suspended Solids Secchi Disk	35 0.9	mg/l ft.	5001 5001	5006
		1415 04-06-71 1320	Secchi Disk BOD (5 days) BOD (7 days)	0.9 0.6 1.2	ft. mg/l mg/l	5001	5001
		04-21-71 1315	Secchi Disk	1.1	ft.	5001	
		05-05-71 1340	Secchi Disk BOD (7 days) Suspended Solids	1.3 2.3 38	ft. mg/l mg/l	5001 5001	5001 5006
		05-19-71 1410	Secchi Disk	1.3	ft.	5001	

Station Number	Station	Dote Time	Constituents			Samp	Lab
B9 D 801.2 148.5	SAN JOAQUIN RIVER AT ANTIOCH SHIP CHANNEL (Continued)	06-03-71 1410	Secchi Disk Suspended Solids Volstile Suspended Solids	1.1 40 7	ft. mg/l mg/l	5001	5006
		06-16-71 1225	Secchi Diak	1.7	ft.	5001	
		07-01-71 1225	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.2 2.5 32 5	ft. mg/1 mg/1 mg/1	5001 5001	5001 5006
		07-15-71 1235	Secchi Disk	1.5	ft.	5001	
		08-04-71 1515	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.0 1.8 35 5	ft. mg/1 mg/1 mg/1	5001 5001	5001 5006
		08-17-71 1650	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.0 1.8 35 5	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		09-01-71 1540	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.2 1.6 51 5	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		09-15-71 1530	Secchi Disk	1.2	ft.	5001	
		09-29-71 1340	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.5 1.9 31 8	ft. mg/1 mg/1 mg/1	5001 5001	5001 5006
B9 D 801.6 145.2	SAN JOAQUIN RIVER AT ANTIOCH BRIDGE (AT LIGHT 12)	10-09-70 1430	Secchi Disk BOD (5 days) Suspended Solids	1.7 2.1 13	ft. mg/l mg/l	5001 5001	5001 5006
		11-20-70 1315	Secchi Disk BOD (5 days) Suspended Solids	2.0 0.9 13	ft. mg/l mg/l	5001 5001	5001 5006
		03-03-71 0920	Secchi Disk BOD (5 days) BOD (7 days) Suspended Solids	2.0 0.8 1.0 16	ft. mg/l mg/l mg/l	5001	5001 5006
		03-24-71 1430	Secchi Disk	1.3	ft.	5001	
		04-06-71 1420	Secchi Disk BOD (5 days) BOD (7 days)	1.3 0.7 1.2	ft. mg/l mg/l	5001	5001
		04-21-71 1330	Secchi Disk	1.5	ft.	5001	
		05-05-71 1400	Secchi Disk BOD (7 days) Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.3 2.1 32 0.01 <0.05 <0.1 <0.01 <0.05 0.01	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5001 5006
		05-19-71 1430	Secchi Disk	1.3	ft.	5001	
		06-03-71 1430	Secchi Disk Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.5 33 7 <0.01 <0.01 0.07 0.1 <0.01 <0.05 0.03	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5006
		06-16-71 1245	Secchi Disk	1.7	ft.	5001	
		07-01-71 1250	Secchi Disk BOD (7 daya) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese	1.3 2.1 28 6 <0.01 <0.05 <0.1 <0.01 <0.05	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001 5001	5001 5006

Stotion Number	Station	Date Time	Constituents			Samp	Lab
B9 D 801.6 145.2	SAN JOAQUIN RIVER AT ANTIOCH BRIDGE (AT LIGHT 12) (Continued)	07-15-71 1250	Secchi Disk	1.7	ft.	5001	
		08-04-71 1535	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	2.1 32 5 <0.01 <0.01 <0.05 <0.1 <0.01 <0.05	ft. mg/l mg/l mg/l mg/l mg/l mg/l mg/l mg/l	5001	5001 5006
		08-17-71 1705	Secchi Disk	1.1	ft.	5001	
		09-01-71 1600	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	24	ft. mg/l mg/l mg/l	5001 5001	500 I 5006
		09-15-71 1540	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	<0.01 <0.05 <0.1 <0.01 <0.05	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5006
		09-29-71 1405	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	26	ft. mg/l mg/l mg/l	5001 5001	500 i
B9 D 801.9 151.4	NEW YORK SLOUGH NEAR PITTSBURG POINT	10-09-70 1405	Secchi Disk BOD (5 days)	1.0 1.7	ft. mg/l	5001	5001
		03-03-71 0810	Secchi Disk	1.4	ft.	5001	
		05-05-71 1320	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	<0.05 <0.1 <0.01 <0.05	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5006
		06-03-71 1350	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	0.05 0.1 <0.01 <0.05	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5006
		07-01-71 1200	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	<0.01 <0.05 0.1 <0.01 <0.05	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001	5006
		08-04-71 1455	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	<0.05 <0.01 <0.01 <0.05	mg/1 mg/1 mg/1 mg/1	5001	5006
		09-01-71 1520	Secchi Disk	1.0	ft.	5001	
		09-29-71 1315	Secchi Disk	1.5	ft.	5001	
B9 D 802.6 136.8	FRANKS TRACT NEAR RUSSOS LANDING	10-07-70 1425	Secchi Disk BOD (5 days)	1.6	ft. mg/l	5001	5001
		11-23-70	Suspended Solids Secchi Disk	1.8	mg/l ft.	5001 5001	5006
		1315 03-03-71 1055	Suspended Solids Secchi Disk BOD (5 days)	17 1.7 0.6	mg/l ft. mg/l	5001	5006
			BOD (7 days) Suspended Solids		mg/l mg/l	5001	5006
		03-24-71 1645	Secchi Disk	1.2	ft.	5001	

Station Number	Station	Dote Time	Constituents			Samp	Lab
B9 D 802.6 136.8	FRANKS TRACT NEAR RUSSOS LANDING (Continued)	04-06-71 1540	Secchi Disk BOD (5 days) BOD (7 days)	1.0 0.4 0.9	ft. mg/l mg/l	5001	5001
		04-21-71 1550	Secchi Disk	1.1	ft.	5001	
		05-05-71 1600	Secchi Disk BOD (7 days) Suspended Solids	1.1 2.1 34	ft. mg/l mg/l	5001 5001	500 i
		05-19 - 71 1655	Secchi Disk	1.1	ft.	5001	
		06-03-71 1615	Secchi Disk Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.0 67 13 <0.01 <0.01 0.05 0.1 <0.01 <0.05 0.03	mg/l mg/l	5001	5006
		06-16-71 1535	Secchi Disk	1.0	ft.	5001	
		07-01-71 1450	Secchi Disk BOD (7 days) Suspended Solids	1.6 2.2 33	ft. mg/l mg/l	5001 5001	5001 5006
		07-15-71	Volatile Suspended Solids Secchi Disk	4 1.3	mg/l ft.	5001	
	•	1505 08-04-71	Secchi Disk	1.0	ft.	5001	
		1730	BOD (7 days) Suspended Solids Volatile Suspended Solids	1.6 38 5	mg/1 mg/1 mg/1	5001	5001 5006
		08-16-71 1530	Secchi Disk	1.1	ft.	5001	
		09-01-71 1735	Secchi Disk BOD (7 days) Suspended Solids	1.1 1.8 47 8	ft. mg/l mg/l	5001 5001	5001 5006
		09-14-71	Volatile Suspended Solids Secchi Disk	1.2	mg/l ft.	5001	
		1650 09-29-71 1550	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 1.2 20 8	ft. mg/l mg/l mg/l	5001 5001	5001 5006
B9 D 802.6 147.6	SHERMAN LAKE NEAR ANTIOCH	10-08-70 1300	Secchi Disk BOD (5 days) Suspended Solids	1.3 1.4 29	ft. mg/1 mg/1	5001 5001	5001 5006
		11-20-70 1240	Secchi Disk BOD (5 days) Suspended Solids	1.5 0.9 3	ft. mg/1 mg/1	5001 5001	500 I 500 6
		03-03-71 0900	Secchi Disk BOD (5 days) BOD (7 days) Suspended Solids	1.8 0.7 0.8 23	ft. mg/1 mg/1 mg/1	5001	5001 5006
		03-23-71 1240	Secchi Disk	1.3	ft.	5001	
		04-06-71 1355	Secchi Disk BOD (5 days) BOD (7 days)	0.8 0.5 1.1	ft. mg/1 mg/1	5001	5001
		04-20-71 1115	Secchi Disk	1.2	ft.	5001	
		05-04-71 1405	Secchi Disk BOD (7 dsys) Suspended Solids	1.3 1.3 28	ft. mg/1 mg/1	5001 5001	5001 5006
		05-18-71 1110	Secchi Disk	1.2	ft.	5001	
		06-02-71 1325	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 1.3 40 7	ft. mg/l mg/l	5001 5001	5001 5006
		06-15-71	Secchi Disk	1.3	mg/l ft.	5001	
		1035 06-30-71 1200	Secchi Disk BOD (7 days) Suspended Solids	1.0 1.6 43	ft. mg/l mg/l	5001 5001	5001 5006
y ·		07-14-71 0920	Volatile Suspended Solids Secchi Disk	1.3	mg/l ft.	5001	

Station Number	Station	Date Time	Constituents			Samp	Lab
B9 D 802.6 147.6	SHERMAN LAKE NEAR ANTIOCH (Continued)	08-03-71 1625	Secchi Diak BOD (7 days) Suspended Solids Volatile Suspended Solids	1.2 1.5 47 7	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		08-16-71 1330	Secchi Disk	0.8	ft.	5001	
		08-31-71 1520	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.0 1.4 45 6	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		09-14-71 1415	Secchi Disk	1.2	ft.	5001	
		09-28-71 1320	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 3.1 24 8	ft. mg/l mg/l mg/l	5001 5001	5001 5006
B9 D 802.7 123.3	DISAPPOINTMENT SLOUGH NEAR LODI	10-12-70 1145	Secchi Disk BOD (5 days) Suspended Solids	0.8 2.7 51	ft. mg/l mg/l	5001 5001	5001 5006
		11-16-70 1120	Secchi Disk BOD (5 days)	1.0	ft. mg/l	5001	5001
		02-17-71 1035	Secchi Disk BOD (5 days)	1.3	ft. mg/l	5001	5001
		03-22-71 1155	Secchi Disk BOD (5 days)	1.1	ft. mg/l	5001	
		04-28-71 1010	Secchi Disk BOD (5 days) Suspended Solids	1.0 2.7 50	ft. mg/l mg/l	5001 5001	5001 5006
		05-18-71 1050	Secchi Disk BOD (5 days)	1.0 3.2	ft. mg/l	5001	5001
		06-09-71 1050	Secchi Disk BOD (5 days)	0.6 3.0	ft. mg/1	5001	5001
		07-15-71 1045	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	0.7 2.9 80 15	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		08-09-71 0955	Secchi Disk * BOD (5 days)	0.8	ft. mg/l	5001	5001
		09-13-71 1040	Secchi Disk BOD (5 days)	0.9	ft. mg/l	5001	5001
B9 D 803.1 141.3	SAN JOAQUIN RIVER AT JERSEY POINT	10-01-70 1300	Secchi Disk BOD (5 days) Suspended Solids	1.5 1.2 44	ft. mg/l mg/l	5001 5001	5001 5006
		10-07-70 1350	Secchi Disk BOD (5 days) Suspended Solids	1.5 1.4 20	ft. mg/l mg/l	5001	5001 5006
		10-15-70 1130	Secchi Disk BOD (5 days) Suspended Solids	1.7 0.8 156	ft. mg/l mg/l	5001	5001 5006
		10-22-70 1130	Secchi Disk BOD (5 days) Suspended Solids	2.0 1.9 25	ft. mg/l mg/l	5001 5001	5001 5006
		10-29-70 1115	Secchi Disk Suspended Solids	1.5 16	ft. mg/l	5001	5006
		11-23-70 1245	Secchi Disk Suspended Solids	1.9 12	ft. mg/l	5001	5006
		03-03-71 1000	Secchi Disk BOD (5 days) BOD (7 days)	1.8 0.8 0.9	ft. mg/l mg/l mg/l	5001	5001 5006
		03-24-71 1535	Suspended Solids Secchi Disk	1.5	ft.	5001	3000
		04-06-71 1505	Secchi Disk BOD (5 days) BOD (7 days)	1.1 0.5 0.8	ft. mg/l mg/l	5001	5001
		04-21-71 1440	Secchi Disk	1.0	ft.	5001	
		05-05-71 1450	Secchi Disk BOD (7 days) Suspended Solids	1.4 1.8 30	ft. mg/l mg/l	5001 5001	5001 5006
			Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese	<0.01 <0.05 <0.1 <0.01 <0.05	mg/1 mg/1 mg/1 mg/1		
			Zinc, Total	<0.03			

Station Number	Station	Date Time	Constituents		Samp	Lob
B9 D 803.1 141.3	SAN JOAQUIN RIVER AT JERSEY POINT (Continued)	05-19-71 1535	Secchi Disk	1.2 ft.	5001	
		06-03-71 1510	Secchi Disk Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.1 ft. 32 mg/l 7 mg/l <0.01 mg/l <0.01 mg/l <0.01 mg/l 0.06 mg/l 0.0 mg/l <0.01 mg/l <0.03 mg/l <0.03 mg/l	5001	5006
		06-16-71 1415	Secchi Disk	1.0 ft.	5001	
		07-01-71 1345	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.2 ft. 1.9 mg/l 26 mg/l 2 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.01 mg/l <0.05 mg/l <0.00 mg/l <0.00 mg/l <0.00 mg/l <0.00 mg/l <0.00 mg/l <0.00 mg/l	5001	5001 5006
		07-15-71 1355	Secchi Disk	2.0 ft.	5001	
	•	08-04-71 1630	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.2 ft. 1.6 mg/l 37 mg/l 9 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.01 mg/l <0.01 mg/l <0.00 mg/l <0.01 mg/l <0.01 mg/l <0.03 mg/l <0.03 mg/l	5001 5001	5001 5006
		08-17-71 1745	Secchi Disk	1.4 ft.	5001	
		09-01-71 1645	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.4 ft. 1.7 mg/1 28 mg/1 3 mg/1	5001 5001	5001 5006
		09-15-71 1615	Secchi Disk Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.7 ft. <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.1 mg/l <0.01 mg/l <0.05 mg/l <0.01 mg/l	5001	5006
		09-29-71 1450	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 ft. 1.5 mg/1 16 mg/1 6 mg/1	5001 5001	5001 5006
B9 D 803.7 136.1	FALSE RIVER AT WEBB PUMP	10-07-70 1455	Secchi Disk BOD (5 days)	1.7 ft. 1.1 mg/1	5001	5001
B9 D 804.4 134.2	OLD RIVER AT MOUTH	10-07-70 1525	Secchi Disk BOD (5 days) Suspended Solids	2.2 ft. 1.2 mg/1 17 mg/1	5001 5001	5001 5006
		11-23-70 1340	Secchi Disk Suspended Solids	1.8 ft. 10 mg/1	5001	5006
		03-03-71 1120	Secchi Disk BOD (5 days) BOD (7 days) Suspended Solids	1.7 ft. 1.0 mg/1 1.1 mg/1 19 mg/1	5001	5001 5006
89 D 804.7 134.0	SAN JOAQUIN RIVER AT POTATO POINT	03-03-71 1130	Secchi Disk BOD (5 days) BOD (7 days) Suspended Solids	1.8 ft. 0.7 mg/1 1.1 ft. 18 mg/1	5001	5001
		03-24-71 1620	Secchi Disk	1.2 ft.	5001	
		04-06-71 1605	Secchi Disk BOD (5 days) BOD (7 days)	0.8 ft. 0.6 mg/l 0.8 mg/l	5001	5001
		04-21-71 1525	Secchi Disk	0.9 ft.	5001	
		05-05-71 1630	Secchi Disk BOD (7 days) Suspended Solids	1.4 ft. 1.1 mg/l 15 mg/l	5001	5001 5006

Station Number	Station	Date Time	Constituents			Samp	Lab
B9 D 804.7 134.0	SAN JDAQUIN RIVER AT POTATO POINT (Continued)	05-19-71 1625	Secchi Disk	1.2	ft.	5001	
		06-03-71 1640	Secchi Disk Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.2 37 10 <0.01 <0.01 0.06 <0.1 <0.01 <0.05 0.03	mg/1 mg/1 mg/1 mg/1	5001	5006
		06-16-71 1605	Secchi Disk	1.4	ft.	5001	
		07-01-71 1515	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 1.5 23 3	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		07-15-71 1445	Secchi Disk	1.8	ft.	5001	
		08-04-71 1755	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.3 1.2 25 4	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		08-16-71 1605	Secchi Disk	1.3	ft.	5001	
		09-01-71 1800	Secchi Disk BOD (7 days) Suspended solids Volatile Suspended Solids	1.5 1.6 22 3	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		09-14-71 1715	Secchi Disk	1.8	ft.	5001	
		09-29-71 1620	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	1.8 1.2 13 1	ft. mg/l mg/l mg/l	5001 5001	5001 5006
B9 D 805.1 144.3	SACRAMENTO RIVER AT EMMATON	10-08-70 1330	Secchi Disk BOD (5 days)	1.7	ft. mg/l	5001	5001
		03-04-71 1045	Secchi Disk	1.3	ft.	5001	
		05-04-71 1440	Secchi Disk	1.8	ft.	5001	
		06-02-71 1405	Secchi Disk	1.6	ft.	5001	
		06-30-71 1235	Secchi Disk	1.5	ft.	5001	
		08-03-71 1700	Secchi Disk	1.4	ft.	5001	
		08-31-71 1600	Secchi Disk	1.1	ft.	5001	
		09-28-71 1355	Secchi Disk	1.7	ft.	5001	
B9 D 805.2 124.1	WHITE SLOUGH AT RIO BLANCO TRACT NEAR LODI	10-12-70 1115	Secchi Disk BOD (5 days) Suspended Solids	1.3 4.0 13	ft. mg/l mg/l	5001 5001	5001 5006
		11-16-70 1045	Secchi Disk BOD (5 days)	1.0 3.6	ft. mg/l	5001	5001
		02-17-71 0925	Secchi Disk BOD (5 days)	1.1 3.8	ft. mg/l	5001	5001
		03-22-71 1120	Secchi Disk BOD (5 days)	1.2 12.0	ft. mg/l	5001	5001
		04-28-71 0915	Secchi Disk BOD (5 days) Suspended Solids	1.3 3.2 35	ft. mg/l mg/l	5001	5001 5006
		05-18-71 1015	Secchi Disk BOD (5 days)	1.0 9.2	ft. mg/l	5001	5001
		06-09-71 1002	Secchi Disk BOD (5 days)	0.7 6.5	ft. mg/l	5001	5001
		07-15-71 0945	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	0.7 8.1 85 10	ft. mg/l mg/l mg/l	5001 5001	5001 5006
		08-09-71 0915	Secchi Disk BOD (5 days)	1.2 5.2	ft. mg/l	5001	5001
		09-13-71	Secchi Disk	1.0	ft.	5001	

Station Number	Station	Date Time	Constituents			Samp	Lat
9 D 805.2 126.0	WHITE SLOUGH NEAR LODI	10-12-70 1045	Secchi Disk BOD (5 dsys)	1.5	ft. mg/l	5001	500
		11-16-70	Suspended Solids Secchi Disk	1.3	mg/l ft.	500 I 500 I	500
		1005 02-18-71	BOD (5 days) Secchi Disk	1.0	mg/l ft.	5001	500
		1015 03-22-71	BOD (5 days) Secchi Disk	0.9	mg/1 ft.	5001	
		1040 04-29-71	BOD (5 days) Secchi Disk	1.3	mg/l ft.	5001	50
		1010	BOD (5 days) Suspended Solids Volatile Suspended Solids	1.4 40 0	mg/1 mg/1 mg/1	5001	50 50
		05-19 - 71 1010	Secchi Disk BOD (5 days)	1.0 1.1	ft. mg/l	5001	50
		06-10-71 1000	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	50
		07-16-71 1000	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	0.9 1.2 39 7	ft. mg/1 mg/1 mg/1	5001 5001	5
		08-10-71	Secchi Disk	1.1	ft.	5001	
		0940 09-14-71	BOD (5 days) Secchi Disk	1.3	ft.	5001	5
D 805.8 140.1	SAN JOAQUIN RIVER AT TWITCHELL ISLAND	1100 10-08-79	BOD (5 days) Secchi Disk	2.0	mg/l ft.	5001	,
		1515 03-03-71	BOD (5 days) Secchi Disk	0.8	mg/l ft.	5001	5
		1025		1.5	ft.	5001	
		05-05-71 1520	Secchi Disk				
		06-03-71 1535	Secchi Disk	1.0	ft.	5001	
		07-01-71 1415	Secchi Disk	1.7	ft.	5001	
		08-04-71 1650	Secchi Disk	1.3	ft.	5001	
		09-01-71 1710	Secchi Disk	1.4	ft.	5001	
		09-29-71 1515	Secchi Disk	1.5	ft.	5001	
9 D 806.4 142.0	THREE MILE SLOUGH AT SACRAMENTO RIVER	10-08-70 1350	Secchi Disk BOD (5 days)	1.9	ft. mg/l	5001	5
D 808.7 141.5	SACRAMENTO RIVER AT RIO VISTA	06-02-71 0815	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.1 0.00 0.00 0.1 0.00	mg/l mg/l mg/l ug/l	5050	
9 D 808.8 121.6	SYCAMORE SLOUGH NEAR LODI	10-12-70 1010	Secchi Disk BOD (5 days) Suspended Solids	1.1 11.2 5	ft. mg/l mg/l	5001 5001	:
		11-16-70 0935	Secchi Disk BOD (5 days)	0.7 20.0	ft. mg/l	5001	:
		02-18-71 1040	Secchi Disk BOD (5 days)	0.6 36.0	ft. mg/l	5001	
		03-22-71 1005	Secchi Disk BOD (5 days)	0.8 19.2	ft. mg/l	5001	
		04-29-71 1050	Secchi Disk BOD (5 days)	1.0	ft. mg/l	500 I	
			Suspended Solids	34	mg/l	5001	
		05-19-71 1050	Secchi Disk BOD (5 days)	0.7	ft. mg/l	5001	
		06-10-71 1045	Secchi Disk BOD (5 days)	0.5 15.2	ft. mg/l	5001	:
		07-16-71 1040	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.0 8.5 98 32	ft. mg/l mg/l mg/l	5001	!
		08-10-71 1010	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	
		09-14-71	Secchi Disk	1.0	ft.	5001	

Station Number	Station	Date Time	Constituents			Samp	Lab
39 D 809.6 141.1	SACRAMENTO RIVER AT RIO VISTA BRIDGE	10-07-70 1240	Secchi Disk BOD (5 days) Suspended Solids	2.5 1.3 13	ft. mg/1 mg/1	5001 5001	5001 5006
		10-08-70 1410	Secchi Disk BOD (5 days) Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	2.2 1.0 <0.01 <0.01 <0.1 <0.1 0.01 <0.05 <0.1	ft. mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5001 5001	5001 5006
		11-2 3-7 0 1450	Secchi Disk Suspended Solids	1.7	ft. mg/l	5001	5006
		03-04-71 1115	Secchi Disk BOD (7 days)	1.4	ft. mg/l	5001	5001
		03-23-71 1340	Suspended Solids Secchi Disk	18 1.4	mg/l ft.	5001 5001	500
		04-06-71 1715	Secchi Disk BOD (5 days)	0.9	ft. mg/l	5001	500
		04-20-71 1200	BOD (7 days) Secchi Disk	1.2	mg/l ft.	5001	
		05-04-71 1510	Secchi Disk BOD (7 days) Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.8 1.1 20 <0.01 <0.05 <0.1 0.01 <0.05	mg/1 mg/1 mg/1	5001 5001	5001 5006
		05-18-71 1205	Secchi Disk	1.3	ft.	5001	
		06-02-71 1435	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.7 0.9 29 5 <0.01 <0.01 0.06 <0.1 <0.01 <0.05	mg/l mg/l	5001	500° 5000
		06-15-71 1130	Secchi Disk	1.7	ft.	5001	
		06-30-71 1310	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.8 1.2 20 4 <0.01 <0.05 <0.1 <0.05 0.03	mg/1 mg/1 mg/1 mg/1 mg/1	5001	5001 5006
		07-14-71 1005	Secchi Disk	2.0	ft.	5001	
		08-03-71 1730	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.7 1.4 13 2 <0.01 <0.05 0.5 <0.01 <0.05	mg/l	5001	5001 5006
		08-16-71 1425	Secchi Disk	1.7	ft.	5001	
		08-31-71 1625	Secchi Disk BOD (7 days) Suspended Solids	1.8 0.8 4	ft. mg/l mg/l	5001 5001	500i

Station Number	Station	Date Time	Constituents			Samp	La
39 D 809.6 141.1	SACRAMENTO RIVER AT RIO VISTA BRIDGE (Continued)	09-14-71 1525	Secchí Diak Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	2.0 <0.01 <0.01 <0.05 <0.1 <0.01 <0.05 0.02	ft. mg/l mg/l mg/l mg/l mg/l mg/l	5001	500
		09-28-71 1420	Secchi Disk BOD (7 days) Suspended Solids Volatile Suspended Solids	2.1 0.8 2	mg/l ft. mg/l mg/l	5001 5001	50 50
89 D 810.1 127.9	HOG SLOUGH NEAR THORNTON	10-14-70 1245	Secchi Disk BOD (5 days)	1.5	mg/l ft. mg/l	5001	50
		11-17-70 0940	Suspended Solids Secchí Dísk BOD (5 days)	12 2.0 1.5	mg/l ft.	500 l 500 l	50
		02-18-71 1135	Secchi Disk BOD (5 days)	1.4	mg/l ft. mg/l	5001	50
		03-23-71 1135	Secchi Disk BOD (5 days)	1.3	ft. mg/1	5001	50
		04-29-71 1150	Secchí Disk BOD (5 days) Suspended Solids	0.8 1.4 37	ft. mg/I mg/l	5001 5001	50 50
		05-19-71 1120	Secchi Disk BOD (5 days)	1.1	ft. mg/l	5001	50
	•	06-10-71 1125	Secchi Disk BOD (5 days)	0.8 1.3	ft. mg/l	5001	50
		07-16-71 1120	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.0 3.6 25 7	ft. mg/l mg/l mg/l	5001	50 50
		08-10-71 1055	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	50
		09-14 - 71 1205	Secchi Disk BOD (5 days)	1.5 15.0	ft. mg/l	5001	50
D 811.0 139.3	STEAMBOAT SLOUGH ABOVE CACHE SLOUGH	10-08-70 1435	Secchi Disk BOD (5 days)	2.5 0.8	ft. mg/l	5001	5(
D 812.3 126.8	BEAVER SLOUGH NEAR THORNTON	10-14-70 1320	Secchi Disk BOD (5 days) Suspended Solids	1.6 5.3 3	ft. mg/l mg/l	5001 5001	50 50
		11-17-70 1010	Secchi Disk BOD (5 days)	1.3 3.6	ft. mg/l	5001	50
		02-18-71 1230	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	50
		03-23-71 1205	Secchi Disk BOD (5 days)	1.7	ft. mg/l	5001	50
		04-29-71 1250	Secchi Disk BOD (5 days) Suspended Solids	1.1 3.8 14	ft. mg/l mg/l	5001	50
		05-19-71 1145	Secchi Disk BOD (5 days)	1.1	ft. mg/l	5001	50
		06-10-71 1215	Secchi Disk BOD (5 days)	0.8	ft. mg/l	5001	50
		07-16-71 1200	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.7 4.2 20 6	ft. mg/1 mg/1 mg/1	5001	50 50
		08-10-71 1130	Secchi Disk BOD (5 days)	1.4	ft. mg/l	5001	50
		09-14-71 1255	Secchi Disk BOD (5 days)	2.3 5.4	ft. mg/l	5001	50
D 814.5 130.8	SACRAMENTO RIVER AT WALNUT GROVE	05-20-71 1445	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 0.1 0.00 0.00 0.1 0.00	mg/1 mg/1 mg/1 mg/1 ug/1 mg/1	5050	50
D 815.3 126.3	MOKELUMNE RIVER NEAR THORNTON	10-14-70 1400	Secchí Diak BOD (5 daya) Suspended Solida	5.0 0.4 0	ft. mg/1 mg/1	5001 5001	50 50

Station Number	Station	Date Time	Constituents		Samp	Lab
B9 D 815.3 126.3	MOKELUMNE RIVER NEAR THORNTON (Continued)	10-14-70 1400	Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	<0.01 mg/1 <0.01 mg/1 <0.1 mg/1 <0.1 mg/1 <0.01 mg/1 <0.05 mg/1 <0.1 mg/1	5001	5006
		11-17-70 1040	Secchi Disk BOD (5 days) Cadmium Chromium Copper Iron Lead Manganese, Total Zinc	6.3 ft. 0.6 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.01 mg/l <0.05 mg/l <0.01 mg/l <0.01 mg/l <0.01 mg/l	5001	5001 5006
		02-18-71 1300	Secchi Disk BOD (5 days)	4.2 ft. 0.8 mg/1	5001	5001
		03-23-71	Secchi Disk	2.6 ft.	5001	5001
		1235	BOD (5 days) Cadmium Chromium Copper Iron Lead Manganese Zinc	0.7 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.1 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l	5001	5001 5006
		04-29-71 1325	Secchi Disk BOD (5 days) Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	2.7 ft. 0.8 mg/1 29 mg/1 <0.01 mg/1 <0.01 mg/1 <0.05 mg/1 0.1 mg/1 <0.05 mg/1 <0.01 mg/1 <0.01 mg/1 <0.01 mg/1	5001	5001 5006
		05-19-71 1245	Secchi Disk BOD (5 days) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	2.0 ft. 0.2 mg/1 <0.01 mg/1 <0.05 mg/1 0.21 mg/1 <0.05 mg/1 0.01 mg/1 <0.03 mg/1	5001	5001 5006
		06-10-71 1315	Secchi Disk BOD (5 days)	1.8 ft. 0.5 mg/1	5001	5001
		07-16-71 1250	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	3.0 ft. 1.4 mg/1 14 mg/1 5 mg/1 <0.01 mg/1 <0.01 mg/1 <0.05 mg/1 <0.01 mg/1 <0.01 mg/1 <0.03 mg/1 <0.03 mg/1	5001 5001	5001 5006
		08-10-71 1215	Secchi Disk BOD (5 days) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	1.7 ft. 1.7 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.05 mg/l <0.05 mg/l 0.03 mg/l	5001	5001
		09-14-71 1325	Secchi Disk BOD (5 days) Cadmium, Total Chromium Copper, Total Iron Lead, Total Manganese Zinc, Total	3.0 ft. 1.0 mg/l <0.01 mg/l <0.01 mg/l <0.05 mg/l <0.1 mg/l <0.0 mg/l <0.0 mg/l <0.1 mg/l <0.0 mg/l 0.2 mg/l 0.2 mg/l	5001 5001	5001 5006
B9 D 816.6 129.8	SNODGRASS SLOUGH AT TWIN CITIES ROAD BRIDGE NEAR WALNUT GROVE	10-14-70 1130	Secchi Disk BOD (5 days) Suspended Solids	1.3 ft. 1.4 mg/1 12 mg/1	5001 5001	5001 5006
		11-17-70	Secchi Disk	1.4 ft.	5001	5001
		1130 02-18-71	BOD (5 days) Secchi Disk	1.2 mg/1 1.3 ft.	5001	
		1340	BOD (5 days)	1.5 mg/1		5001

Station Number	Station	Date Time	Constituents			Samp	Lab
B9 D 816.6 129.8	SNODGRASS SLOUGH AT TWIN CITIES ROAD BRIDGE NEAR WALNUT GROVE (Continued)	03-23-71 1310	Secchi Disk BOD (5 days)	1.5	ft. mg/l	5001	500
		04-29-71 1420	Secchi Disk BOD (5 days) Suspended Solids	1.3 2.1 30	ft. mg/l mg/l	5001 5001	5001 5006
		05-19-71 0900	Secchi Disk BOD (5 days)	1.0	ft. mg/l	5001	500
		05-19-71 1325	Secchi Disk BOD (5 days)	0.9	ft. mg/l	5001	500
		06-10-71	Secchi Disk	1.3	ft.	5001	
		1400 07-16-71	BOD (5 days) Secchi Disk	1.3	mg/l ft.	5001	5001
		1345	BOD (5 days) Suspended Solids Volatile Suspended Solids	3.1 32 7	mg/l mg/l mg/l	5001	5001 5006
		08-10-71 1300	Secchi Disk BOD (5 days)	1.1	ft. mg/l	5001	500
		09-14-71 1400	Secchi Disk BOD (5 days)	1.2	ft. mg/l	5001	5001
B9 D 819.1 130.1	SNODGRASS SLOUGH AT SOUTHERN PACIFIC RAILROAD BRIDGE	10-14-70 1505	Secchi Disk BOD (5 days) Suspended Solids	1.2 1.1 16	ft. mg/l mg/l	5001 5001	500 500
		11-17-70 1200	Secchi Disk BOD (5 days)	1.8	ft. mg/l	5001	500
		02-18-71 1400	Secchi Disk BOD (5 days)	1.4	ft. mg/l	5001	500
		03-23-71	Secchi Disk	1.5	ft.	5001	
		1345 04-29 - 71	BOD (5 days) Secchi Disk	4.3 1.0	mg/l ft.	5001	500
		1505	BOD (5 days) Suspended Solids	4.2 61	mg/1 mg/1	5001	500 500
		05-19-71 1345	Secchi Disk BOD (5 days)	1.1	ft. mg/l	5001	500
		06-10-71 1430	Secchi Disk BOD (5 days)	1.0	ft. mg/l	5001	500
		07-16-71 1425	Secchi Disk BOD (5 days) Suspended Solids Volatile Suspended Solids	1.3 2.1 25 7	ft. mg/1 mg/1 mg/1	5001 5001	500 500
		08-10-71	Secchi Disk	1.3	ft.	5001	5001
		1335 09-14-71 1440	BOD (5 days) Secchi Disk	2.0 11.0	mg/l ft. mg/l	5001	500
B9 D 820.7 132.7	SACRAMENTO RIVER AT GREENE'S LANDING	10-07-70	BOD (5 days) Secchi Disk	3.0	ft.	5001	
		1400 02-05-71	BOD (5 days) Secchi Disk	2.2	mg/l ft.	5001	500
		1430 04-06-71	Secchi Disk	1.0	ft.	5001	
		1425 05-04-71	Secchi Disk	1.7	ft.	5001	
		1640 06-02-71 1650	Secchi Disk	1.7	ft.	5001	
		06-16-71 1235	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 0.01 0.01 0.00	mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5050	5050
		06-30-71 1430	Secchi Disk	2.0	ft.	5001	
		07-21-71 1140	Iron Lithium	20 0	ug/1 ug/1	5050	5000
		07-21-71 1145	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 0.00 0.01 0.05 0.00	mg/1 mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	5050	5056

Station Number	Station	Date Time		Constituents	Samp	Lab
в9 D 820.7 132.7	SACRAMENTO RIVER AT GREENE'S LANDING (Continued)	08-03-71 1835	Secchi Disk	2.3 ft.	5001	
	(**************************************	08-24-71 1330	Iron Lithium Strontium	20 ug/1 8 ug/1 150 ug/1	5050	5000
		08-24-71 1340	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.03 mg/l 0.03 mg/l 0.01 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l	5050	5050
		08-31-71 1235	Secchi Disk	1.7 ft.	5001	
		09-16-71 1140	Iron Lithium Strontium	20 ug/1 2 ug/1 160 ug/1	5050	5000
		09-16-71 1150	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols Color	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l	5050	5050
		09-28-71 0915	Secchi Disk	2.0 ft.	5001	
B9 D 827.3 130.0 SACRAMENTO RIVER AT FREEPORT	SACRAMENTO RIVER AT FREEPORT	10-07-70 1150	Iron Lithium Strontium	0.01 mg/1 <0.01 mg/1 0.55 mg/1	5050	5000
		10-07-70 1155	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.02 mg/l 0.04 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.00 mg/l	5050	5050
		11-05-70 1125	Iron Lithium Strontium	0.04 mg/1 <0.01 mg/1 0.06 mg/1	5050	5000
		11-05-70 1130	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l 0.03 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050
		12-09-70 1225	Iron Lithium Strontium	0.03 mg/1 <0.01 mg/1 0.05 mg/1	5050	5000
		12-09-70 1230	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.07 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l	5050	5050
		01-06-71 1300	Iron Lithium Strontium	0.09 mg/1 <0.01 mg/1 0.10 mg/1	5050	5000
		02-18-71 1200	Iron Lithium Strontium	0.12 mg/1 <0.01 mg/1 0.08 mg/1	5050	5000
		02-18-71 1205	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.02 mg/l 0.00 mg/l	5050	5050

Station Number	Statian	Date Time	Constituen	ts	Samp	Lob
B9 D 827.3 130.0	SACRAMENTO RIVER AT FREEPORT (Continued)	03-17-71 0800	Iron Lithium Strontium	60 ug/1 9 ug/1 250 ug/1	5050	5000
		03-17-71 0805	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/1 0.00 mg/1 0.00 mg/1 0.16 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1	5050	5050
		04-21-71 1330	Iron Lithium Strontium	60 ug/l 0 ug/l 70 ug/l	5050	5000
		04-21-71 1335	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.03 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.01 mg/l 0.01 mg/l	5050	5050
		05-19-71 1100	Iron Lithium Strontium	20 ug/1 0 ug/1 250 ug/1	5050	5000
		05-19-71 1105	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.00 mg/l 0.04 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.01 mg/l 0.00 mg/l	5050	5050
		05-19-71 1105	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050
		06-16-71 1145	Iron Lithium Strontium	20 ug/1 4 ug/1 560 ug/1	5050	5000
		06-16-71 1150	Arsenic Chromium Copper Iron Lead Manganese Selenium Zinc Phenols	0.00 mg/l 0.00 mg/l 0.01 mg/l 0.02 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l 0.00 mg/l	5050	5050
C4 1590.01	SUSAN RIVER NEAR LITCHFIELD	05-11-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.00 ug/l 0.00 mg/l	5050	5050
G4 1600.00	SUSAN RIVER AT SUSANVILLE	05-11-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.0 mg/l	5050	5050
G6 1705.00	LONG VALLEY CREEK NEAR HALLELUJAH JUNCTION	05-12-71	Arsenic Barium Cadmium Lead Mercury Selenium	0.00 mg/l 0.0 mg/l 0.00 mg/l 0.00 mg/l 0.0 ug/l 0.00 mg/l	5050	5050
G7 L 856.3 000.5	LAKE TAHOE AT TAHOE KEYS PIER (STATION S-1)	08-18-71 0920	MBAS	0.00 mg/1	5050	5050
G7 L 856.4 000.6	LAKE TAHOE NEAR TAHOE KEYS (STATION L-1)	11-18-70 1235	MBAS	0.00 mg/1	5050	50 50
		05-12-71 1125 08-18-71	MBAS MBAS	0.00 mg/l	5050 5050	5050
		1025				

TABLE D-3 (Cont.)

Station Number	Station	Date Time		Canstituents	Samp	Lab
G7 L 856.5 003.3	LAKE TAHOE NEAR TAYLOR CREEK (STATION L-6)	11-18-70 1245	MBAS	0.00 mg/	1 5050	505
		05-12-71 1140	MBAS	0.00 mg,	/1 5050	505
G7 L 856.5 003.4	LAKE TAHOE NEAR CAMP RICHARDSON (STATION S-6)	08-18-71 1055	MBAS	0.00 mg/	/1 5050	505
G7 L 857.0 958.02	LAKE TAHOE AT SURF AND SANDS PIER (STATION S-10)	08-18-71	MBAS	0.01 mg,	/1 5050	505
G7 L 900.0 000.0	LAKE TAHOE, SOUTH CENTER (STATION C-1)	11-17-70 1005	Secchi Disk	89.6 ft.	. 5050	
		11-18-70 1150	MBAS	0.00 mg,	/1 5050	505
		05-12-71 1035	MBAS	0.00 mg,	/1 5050	505
		08-18-71 0930	MBAS	0.00 mg,	/1 5050	505
G7 L 900.4 956.9	LAKE TAHOE AT ZEPHYR COVE PIER (STATION S-8)	08-18-71 0740	MBAS	0.00 mg,	/1 5050	505
G7 L 900.5 956.9	LAKE TAHOE AT ZEPHYR COVE (STATION L-8)	11-18-70 1140	MBAS	0.00 mg/	/1 5050	505
		05-12-71 1025	MBAS	0.00 mg/	/1 5050	505
		08-18-71 0910	MBAS	0.00 mg,	/1 5050	505
G7 L 900.9 006.8	LAKE TAHOE AT RUBICON BAY (STATION L-2)	11-18-70 1305	MBAS	0.01 mg/	1 5050	505
		05-12-71 1215	MBAS	0.00 mg/	1 5050	505
		08-18-71 1125	MBAS	0.00 mg/	1 5050	505
G7 L 900.9 006.82	LAKE TAHOE AT RUBICON BAY PIER (STATION S-2)	08-18-71 1020	MBAS	0.00 mg/	1 5050	505
G7 L 902.3 007.2	LAKE TAHOE AT MEEKS BAY RESORT PIER (STATION S-12)	08-25-71 0955	MBAS	0.00 mg/	1 5050	505
G7 L 904.5 008.4	LAKE TAHOE AT CHAMBERS LODGE (STATION L-9)	11-18-70 1320	MBAS	0.00 mg/	1 5050	505
		05-12-71 1235	MBAS	0.00 mg/	1 5050	505
G7 L 904.5 008.42	LAKE TAHOE AT CHAMBERS LANDING PIER (STATION S-9)	08-18-71 1145	MBAS	0.00 mg/	1 5050	505
G7 L 905.3 956.4	LAKE TAHOE AT GLENBROOK BAY PIER (STATION S-3)	08-25-71 0805	MBAS	0.00 mg/	1 5050	505
G7 L 905.4 956.4	LAKE TAHOE AT GLENBROOK (STATION L-3)	11-18-70 1045	MBAS	0.00 mg/	1 5050	505
		05-12-71 1000	MBAS	0.00 mg/	1 5050	505
G7 L 907.8 009.2	LAKE TAHOE AT PIER NEAR MOUTH OF WARD CREEK (STATION S-11)	08-25-71 1120	MBAS	0.00 mg/	1 5050	505
G7 L 908.7 000.3	LAKE TAHOE, NORTH CENTER (STATION C-2)	11-16-70 1420	Secchi Disk	91.9 ft.	5050	
		11-18-70 1025	MBAS	0.00 mg/	1 5050	505
		05-12-71 0940	MBAS	0.00 mg/	1 5050	505
		08-18-71 0825	MBAS	0.01 mg/	1 5050	505
G7 L 910.8 007.1	LAKE TAHOE NEAR LAKE FOREST (STATION L-5)	11-18-70 0915	MBAS	0.00 mg/	1 5050	505
		05-12-71 0810	MBAS	0.00 mg/	1 5050	505
G7 L 910.8 007.12	LAKE TAHOE AT U. S. COAST GUARD PIER (STATION S-5)	08-25-71 1255	MBAS	0.00 mg/	1 5050	50

Station Number	Station	Date Time	Co	onstituents	Samp	Lab
G7 L 914.2 002.2	LAKE TAHOE AT TAHOE VISTA (STATION L-7)	11-18-70 0945	MBAS	0.00 mg/1	5050	5050
		05-12-71 0850	MBAS	0.00 mg/1	5050	5050
		08-18-71 0725	MBAS	0.00 mg/1	5050	5050
G7L 914.2 002.3	LAKE TAHOE AT KINGS BEACH PIER (STATION S-7)	08-18-71 1240	MBAS	0.00 mg/1	5050	505
G7 L 914.2 956.6	LAKE TAHOE AT KINGS CASTLE PIER (STATION S-4)	08-18-71 1320	MBAS	0.00 mg/l	5050	505
37 L 914.3 956.8	LAKE TAHOE NEAR INCLINE GUARD STATION (STATION L-4)	11-18-70 1000	MBAS	0.00 mg/l	5050	505
		05-12-71 0910	MBAS	0.00 mg/l	5050	505
		08-18-71 0755	MBAS	0.00 mg/1	5050	505
7 1195.00	TRUCKEE RIVER AT FARAD	05-13-71 1650	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5056
7 1665.00	TRUCKEĘ RIVER AT TAHOE CITY	05-13-71 1600	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.00 ug/1 0.00 mg/1	5050	5050
7 3020.01	BURTON CREEK IN STAR HARBOR (STATION T-8)	08-25-71 1305	MBAS	0.00 mg/1	5050	505
3050.01	WARD CREEK NEAR MOUTH (STATION T-5)	08-25-71 1130	MBAS	0.00 mg/1	5050	505
7 3100.00	TROUT CREEK NEAR TAHOE VALLEY	05-13-71 1430	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
7 3160.01	MADDEN CREEK AT MOUTH (STATION T-10)	08-25-71 1045	MBAS	0.00 mg/1	5050	505
3230.01	THIRD CREEK NEAR MOUTH (STATION T-6)	08-25-71 0720	MBAS	0.00 mg/l	5050	505
3253.01	INCLINE CREEK AT INCLINE VILLAGE (STATION T-2)	11-18-70 1110	MBAS	0.00 mg/1	5050	505
		05-12-71 1000	MBAS	0.01 mg/1	5050	505
		08-25-71 0745	MBAS	0.00 mg/1	5050	505
3300.01	GENERAL CREEK NEAR MEEKS BAY (STATION T-3)	11-18-70 1230	MBAS	0.00 mg/1	5050	505
		05-12-71 1125	MBAS	0.01 mg/1	5050	505
		08-25-71 1040	MBAS	0.01 mg/1	5050	505
3571.01	TAYLOR CREEK NEAR CAMP RICHARDSON (STATION T-4)	11-18-70 0845	MBAS	0.00 Mg/1	5050	505
		05-12-71 0845	MBAS	0.00 mg/1	5050	505
		08-25-71 1000	MBAS	0.00 mg/1	5050	505
3680.00	EDGEWOOD CREEK AT STATELINE (STATION T-7)	08-25-71 0835	MBAS	0.01 mg/1	5050	505
3705.01	UPPER TRUCKEE RIVER NEAR MOUTH	11-18-70 0945	MBAS	0.01 mg/1	5050	505
		05-12-71 0800	MBAS	0.01 mg/1	5050	505
		08-25-71 0935	MBAS	0.01 mg/l	5050	505

Station Number	Station	Date Time		Canstituents	Somp	Lab
G7 3750.00	UPPER TRUCKEE RIVER NEAR MEYERS	05-13-71 0730	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
G7 3810.01	TROUT CREEK NEAR MOUTH (STATION T-9)	08-25-71 0915	MBAS	0.01 mg/1	5050	5050
G7 4100.00	BLACKWOOD CREEK NEAR TAHOE CITY	05-13-71 1530	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.00 mg/l 0.00 mg/l 0.1 ug/l 0.00 mg/l	5050	5050
G8 2300.00	CARSON RIVER, WEST FORK, AT WOODFORDS	05-13-71 0800	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.1 ug/1 0.00 mg/1	5050	5050
G8 3148.01	MARKLEEVILLE CREEK AT MARKLEEVILLE	05-13-71 0840	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/l 0.1 mg/l 0.09 mg/l 0.00 mg/l 0.02 ug/l 0.00 mg/l	5050	5050
		07-12-71 1600	Cadmium	0.00 mg/1	5050	5050
G8 3420.20	CARSON RIVER, EAST FORK, AT HIGHWAY 4 BRIDGE NEAR MARKLEEVILLE	07-12-71 1625	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.1 mg/1 0.00 mg/1 0.00 mg/1 0.00 ug/1 0.01 mg/1	5050	5050
G9 2460.00	WEST WALKER RIVER BELOW LITTLE WALKER RIVER NEAR COLEVILLE	05-13-71 1000	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.0 mg/1 0.00 mg/1 0.00 mg/1 0.00 mg/1 0.0 ug/1 0.00 mg/1	5050	5050
G9 3200.00	EAST WALKER RIVER NEAR BRIDGEPORT	05-13-71 1130	Arsenic Barium Cadmium Lead Mercury, Total Selenium	0.00 mg/1 0.0 mg/1 0.00 mg/1 0.00 mg/1 0.1 ug/1 0.00 mg/1	5050	5050

TABLE D-4

NUTRIENT ANALYSIS OF SURFACE WATER

Lab and Sampler Agency Codes

- U. S. Geological Survey 5000 - U. S. Bureau of Reclamation 5001 5050 - Department of Water Resources 5212 - City of Yuba City 5213 - City of Marysville 5401 - Cordua Water District - Linda County Water District 5402 5403 - Reclamation District 784 - City of Wheatland 5405

Abbreviations

TIME - Pacific Standard Time on a 24-hour clock

G.H. - Instantaneous gage height in feet above an established datum
 Q - Instantaneous discharge measured in cubic feet per second

TEMP - Water temperature in degrees Fahrenheit (F) or Celsius (C)

TURB - Jackson Turbidity Units measured with a Hellege Turbidmeter (E) or a Hach Nephelometer (A)

PH - Measure of acidity or alkalinity of water

EC - Electrical conductance in micromhos at 25° C

HCO3 - Bicarbonate CO3 - Carbonate

Nitrogen Series as N

NO2 - Unfiltered nitrite
NH3 - Unfiltered ammonia
NO3 - Unfiltered nitrate
ORG N - Organic nitrogen

DIS - Dissolved organic nitrogen

NH3 + ORG N - Ammonia plus organic nitrogen

Phosphorus Series as P

FIL A.H.P04 - Filterable acid hydrolyzable phosphate

F PO4 - Filterable orthophosphate U PO4 - Unfiltered orthophosphate

F TOT P - Filterable total phosphorus U TOT P - Unfiltered total phosphorus

NUTRIENT ANALYSIS OF SURFACE WATER

						NUTRI	ENT ANAL	YSIS OF SURFACE	WATER			
OATE TIME	SAMP LAR	G.H.	TEMP TURB	FIELD CO2 ALK.		IELO RATORY EC	LAB HC03 C03	NO2 NH3	NUTRIENT NO3 ORG N	CONSTITUENTS IN HILLIGRAMS PER DIS NH3 + FIL. ORG N ORG N A.H.PO4	F P04 U P04	F TOT P U TOT P
		0 2112	.00	SACH	AMENT	D RIVER	AT ELKH	IORN FERRY		* 5		
10/07/70	5050 5050		60.8F 20E		7.5	121 114			0.06	0.1	0.02	0.10
10/20/70 1150	5050 5050		58 F 10E		7.3	115 118			0.11	0.2	0.02	0.03
11/05/70 1125	5050 5050		56.7F 15E		7.3	124 117			0.08	0.1	0.05	0.09
11/17/70 1415	5050 5050		53.0F 20E		7.4	120 116			0.18	0.2	0.03	0.07
12/09/70 1120	5050 5050		51.0F 80E		7.3	123 112			0.26	0.2	0.02	0.10
12/21/70 0950	5050 5050		46 F 70E		7.5	150 150			0.21	0.3	0.03	0.10
1/06/71 1155	5050 5050		44.0F 40E		7.3	162 143			0.19	0.1	0.02	0.06
2/18/71 0815	5050 5050	9.46	50.0F 25E		7.2	150 147			0.15	0.2	0.04	0.07
3/17/71 0915	5050 5050		48.5F 30E		7.4	110 109			0.10	0.2	0.00	0.10
4/21/71 1015	5050 5050		53.0F 25E		7.3	100 99			0.03	0.2	0.03	0.04
5/19/71 1230	5050 5050		59.0F 45E		7.4	115 131			0.07	0.1	0.03	0.08
6/16/71 1400	5050 5050		76 F 30E		7.5	64 131			0.07	0.3	0.02	0.05
7/21/71 1300	5050 5050		73 F 25E		7.3	110 325			0.04	0.2	0.02	0.04
8/18/71 1245	5050 5050		69 F 24E		7.4	105 108			0.04	0.1	0.01	0.04
9/15/71 1230	5050 5050		65 F 25E		7.5	125 138			0.07	0.2	0.02	0.05
	A	0 2170.	00	SACR	AMENTO	RIVER	AT FREM	ONT WEIR WEST E	ND			
10/06/70 1230	5050 5050	6.80	63.5F 20E		7.5 7.9	141 145	7 4 0		0.09	0.2	0.09	0.13
11/04/70 1230	5050 5050	7.06	56.5F 80E		7.5 7.5	151 153	72 0		0.15	0.1	0.03	0.09
12/02/70 0900	5050 50 50	4.18	49 F 450E		7.3 7.4	103 101	41		0.62	0.6	0.04	3.5
1/05/71 1320	5050 5050	8.58	43.5F 35E		7.4 7.8	151 150	74 0		0.29	0.2	0.02	0.09
2/18/71 0930	5050 5050	2.48	50.0 20E	•	7.3 7.9	160 154	73 0		0.26	0.1	0.06	0.07
3/17/71 1030	5050 5050	5.77	50 F 270E		7.5 7.7	145 144	65 0		0.18	0.3	0.02	0.14
4/21/71 1115	5050 5050	3.68	54.0F 65E		7.4 7.9	140 141	70 0		0.12	0.2	0.01	0.06
5/19/71 1115	5050 5050	3.92	57.0F 30E		7.4 7.8	110 129	65 0		0.08	0.1	0.02	0.07
7/21/71 1030	5050 5050	8.13	70.5F 30E		7.4 8.0	141 145	70 0		0.01	0.3	0.02	0.06
8/18/71 1330	5050 5050	0.00	69 F 45E		7.5 7.7	172 126	86 0		0.08	0.2	0.03	0.09
9/15/71 0900	5050 5050	1.40	67 F 25E		7.6 7.5	185 182	87 0		0.12	0.3	0.04	0.07
	A (2230.	02	SACR	AMENTO	RIVER	ABOVE CO	DLUSA BASIN DRA	IN			
10/14/70 1145		8.70 7780 E	61 F 90E		7.4 7.4	135	65		0.06	0.3	0.02	0.08
11/19/70 1150	5050 5050	2.66	12.0C 25E		7.6 7.8	136	0 60		0.20	0.2	0.04	0.08
12/17/70 1215	5050 5050	5.82 25300	9.0C 80E		7.4 7.9	156	0 72		0.23	0.2	0.02	0.10
1/19/71 1515	5050 5050	6.10 27100	47.0F 380E		7.1 7.6	106	0 51		0.20	0.7	0.03	0.26
2/23/71 1500		2.79 24700 E	49 F 20E		7.3 8.0	168	84 0		0.26	0.2	0.02	0.06
3/24/71 1210		3.47 10500 E	56 F 35E		7.3 7.7	157	78 0		0.21	0.1	0.02	0.04
4/20/71 1615	5050 5050	5.73 13500	54 F 30E		7.4 7.6	133	68		0.11	0.2	0.01	0.02
5/25/71 1345	5050 5050	4.28 13900 E	16.5C 10E		7.1 7.9	134	68 0		0.10	0.2	0.04	0.14
6/10/71 1410		3.90 13200	18 C 30E		7.3 7.4	138	69		0.14	0.2	0.02	0.06
7/15/71 1405	5050 5050	0.24 9520 E	21 C		7.2 7.6	132	69	7.70	0.08	0.1	0.02	0.04
								770				

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						NOTE	ENI ANA	L1515 UF 5UK	FACE WATER			
DATE TIME	SAMP LAB	G.H.	TEMP TURB	COS VERNO	LABOR PH	ELD RATORY EC	LAB HCO3 CO3	NO2 NH3	NO3 ORG N	CONSTITUENTS IN MILLIGRAMS FOR NH3 + FIL. ORG N ORG N A.H.PO4	F P04 U P04	F TOT P U TOT P
	A	0 2230.	.02	SACRA	MENTO	RIVER	ABOVE (COLUSA BASIN	ORAIN	CONTINUED		
8/11/71 1235	5050 5050	0.71 9590 E	50E 55 C		7.2 7.8	138	70 0		0.09	0.2	0.03	0.04
9/28/71 1245		1.70 10900 E	17 C 10E		7.4 7.5	136			80.0	0.1	0.03	0.05
	A	0 2785.	.00	SACRA	MENTO	RIVER	AT BENE	BRIDGE				
11/12/70 1530	5050 5050	9100	11.0C 15E		7.1 7.6	127	59 0		0.50		0.03	
3/09/71 0900		9.28 7600	47 F 8E		7.9 7.7	121	0 ⁶³ .		0.05		0.01	
7/14/71 0730	5050		11 C 6E		7.1 7.3	109	0		0.05		0.00	
9/27/71 0710	5050 5050	0.71 11300	11 C 4E		7.2 7.0	117	61 0		0.14		0.02	
	A	0 2925.	00 .	SACRA	MENTO	SLOUGH	AT SAC	CRAMENTO RIVE	ER NEAR KARNA	ak .		
10/14/70	5050 5050	269	62 F 45E		7.8 8.1	1030	332		0.01	0.6	0.19	0.28
11/19/70	5050 5050	642	12.0C		8.0 8.1	1450	420 0		0.07	0.7	0.33	0.36
2/23/71 1200	5050 5050	8.10 944	51 F 55€		7.8 8.1	432	190 0		0.03	0.4	0.07	0.15
3/24/71 1140	5050 5050	1.16 786	58 F 90E		7.5 8.0	302	120 0		0.07	0.4	0.04	0.11
4/20/71 1400	5050 5050	1600	61 F		7.6 7.9	359	132 0		0.04	0.4	0.06	0.14
5/25/71 1305	5050 5050	1630	12 C 49E		7.3 7.8	344	144 0		0.14	0.6	0.08	0.16
6/10/71 1320		0.55 1250	21.5C 45E		7.4 7.6	366	160 0		0.15	0.7	0.07	0.13
7/15/71 1325	5050 5050	6.71 593	27 C 55E		7.4 7.8	489	211		0.15	0.6	0.14	0.18
8/11/71 1200	5050 5050	7.50 869	27 C 55E		7.3 8.0	475	218 0		v.15	0.6	0.11	0.14
9/28/71 1215	5050 5050	900	17.5C 35E		7.6 7.7	519	217 0		0.19	0 • 4	0.14	0.19
	AC	2933.	00	RD108	DRAI	NAGE TO	SACRAM	MENTO RIVER				
10/14/70 1245	5050 5050	0	66 F 140E		7.9 7.8	1250	387 0		0.02	1.5	0.33	0.50
11/19/70 1255	5050 5050	0	13.0C 45E		7.8 8.3	789	287 0		0.17	0.5	0.34	0.34
12/17/70 1355	5050 5050	13	11.0C 90E		7.4 7.8	896	2 96 0		0.86	0 • 4	0.26	0.37
1/19/71 1445	5050 5050	5	56.0F 230E	,	7.8	1280	366 0		0.52	0.6	0.28	0.28
2/23/71 1405	5050 5050	6	53 F 75E	4	B.4 B.6	1210	365 15		0.36	0.4	0.27	0.27
3/24/71 1400	5050 5050	0	58 F 80E		7.9 B.0	900	289 0		0.18	0.6	0.22	0.28
4/20/71 1520	5050 5050	0	60 . F 95E		8.2 8.5	670	138 0		0.47	2.6	0.39	0.40
5/25/71 1440	5050 5050	10 €	21 C 4E		7.5 7.7	562	174 0		0.14	1.2	0.22	0.28
6/10/71 1530	5050 5050	0	100E		7.5 7.6	642	192 0		0.18	1.4	0.16	0.26
7/15/71 1545	5050 5050	5.0	28 C		7.3 8.0	601	184 0		0.16	0.7	0.15	0.20
8/11/71 1400	5050 5050	6.0	27.5C 50E		7.3 8.2	622	225 0		0.12	0.6	0.18	0.20
9/28/71 1400	5050 5050	6 E	18 C 65E		7.9 7.7	964	330 0		0.56	0.9	0.33	0.33
	A0	2947.1	10	COLUS	8 8AS	IN ORAL	N NEAR	KNIGHTS LAND	ING			
10/14/70 1320	5050 5050	4.48 171	68 F 130E		3.3 3.3	578	221 0		0.16	0.8	0.09	0.18
11/19/70 1220	5050 5050	2.31	13.0C 80E		3.0 3.2	697	245 0		0.27	0.9	0.16	0.25
12/17/70 1315	5050 5050	6.86	9.0C 70E		8.0 8.3	515	260 0		0.39	0.7	0.13	0.28
1/19/71 1330	5050 5050	7.99	51.0F 1000E	7	7.4	534	139 0		0.58	1.2	0.13	0.33
2/23/71 1325	5050 5050	3.27 278	52 F 45E		3.4	1240	310 15		0.43	1.2	0.14	0.22
3/24/71 1300	5050 5050	4.56 165	60 F 120E		3.3	1300	315 0		0.26	1.3	0.13	0.29

DATE TIME	SAMP LAS	G.H. 0	TEMP TEMP	FIELD CO2 ALK.	FI LABOK PH	EC	LA9 HC03 C03	NO2 NO3 NH3 DRG N	CONSTITUENTS IN MILLIGRAMS PE DIS NH3 FIL. ORG N ORG N A.H.PO4	F PO4	F TOT P U TOT P
	A 0	2947.	10	COLU	SA BAS	IN DRA	IN NEAR	KNIGHTS LANDING	CONTINUED		
4/20/7] 1500	5050 5050	0	62 F 70E		8.3	502	179 0	0.42	0.5	0.09	0.15
5/25/71 1530	5050 5050	4.95 793	21.5C 65E		7.8 7.8	576	191	0.22	0.9	0.11	0.17
6/10/71 1440	5050 5050	4.32	27 C 96E		8.4 8.5	589	190 2	0.18	1.5	0.14	0.25
7/15/71 1445	5050 5050	4.51 14	30 C 30€		8.4 8.2	661	238	0.01	1.5	0.06	0.21
8/11/71 1320	5050 5050	4.51 327	28 C 70E		7.7 8.8	543	183 17	0.21	0.7	0.10	0.14
9/28/71 1330	5050 5050	4.53 283	19 C 50E		7.9 7.7	529	206	0.38	0.5	0.12	0.18
•	Α0			R078		INAGE	TO COLU	SA BASIN DRAIN			
10/14/70	5050 5050	9.50	65 F 25E		7.8 8.3	758	400	0.01	0.7	0.09	0.17
11/19/70 1205	5050 5050	9.10	13.0C 30E		8.0	598	288	0.05	0.6	0.12	0.17
12/17/70	5050 5050	9.60	10.0C 25E		7.5 7.8	707	317	0.62	0.2	0.06	0.10
1/19/71	5050	9.60	53.0F		7.4		251	0.19		0.05	
1355	5050 5050	0 9.45	280E 55 F		8.2	527	0 352	0.06	0.3	0.06	0.10
1455 3/24/71	5050 5050	0.66	20E 62 F		8.1	782	10 383	0.01	0.4	0.07	0.10
1245	5050 5050	0 1.50	50E 62 F		8.3	812	0 410	0.00	0.4	0.12	0.13
1445	5050 5050	1.15	30E		7.6	899	6 236	0.03	0.6	0.10	0.20
1405	5050	0	5£		8.3	538	0		0.6		0.15
6/10/71 1440	5050 5050	0.50	30E SS C		7.5	509	238	0.05	0.6	0.08	0.10
7/15/71 1430	5050 5050	0.50	27 C 5E		7.2 8.4	466	240 4	0.00	0.5	0.13	0.16
8/11/71 1300	5050 5050	0.50	25.5C 30E		7.2 8.0	466	245 0	0.04	0.4	0.15	0.15
9/28/71 1300	5050 5050	9.50 0	18 C 25€		7.6 7.6	608	311 0	0.01	0.6 -	0.11	0.18
	40	2955.	00	R0787	7 DR	AINAGE	TO SAC	RAMENTO RIVER			
10/14/70 1220	5050 5050	0	68 F 25E		7.4 8.0	795	361 0	0.02	1.0	0.25	0.36
11/19/70 1240	5050 5050	8.70	13.0C 70E		7.8 8.3	586	283 0	0.04	0.5	0.20	0.27
12/17/70 1335	5050 5050	8.55 61	11.0C 35E		7.5 7.8	670	307 0	0.68	0.3	0.17	0.21
1/19/71 1420	5050 5050	8.40	57.0F 190E		7.4	750	303	0.23	0.4	0.14	0.20
2/23/71 1430	5050 5050	8.35 57	54 F 25E		8.2	840	364 8	0.10	0.5	0.09	0.18
3/24/71 1330	5050 5050	0.90	60 F 80E		7.3 7.5	329	168	0.10	0.3	0.10	0.11
4/20/71 1550		1.88	60 F 25E		7.3 7.6	307	132	0.09	0.4	0.10	0.12
5/25/71 1500	5050 5050	0.36 58	21 C		7.4 8.0	569	225	0.24	1.0	0.20	0.26
6/19/71	5050	0.55	22 C		7.3		235	0.12		0.17	0.21
1555	5050	0 9.80	35E		7.1	550	0 241	0.06	0.7	0.15	0.21
1615 8/11/71	5050 5050	9.20	11E		7.3		235	0.07		0.14	
1430 9/28/71	5050 5050	9.10	50E 16 C		7.9 7.8	488	0 343	0.05	0.6	0.23	0.20
1430	5050	2965.	30E	¥U 7 0	7.7	711 4GE TO	0 SACRAM	ENTO RIVER	0.5		0.25
10/14/70	5050		69 F		7.4		369	0.06	A 9	0.22	0.34
1030		0	45E 12.0C		7.0	872	0	0.12	0.8	0.06	
1030 12/17/70		0	30E 9.0C		8.1 7.9	271	0 354	0.81	0.8	0.19	0.09
1120 1/19/71	5050 5050	31	45E 55.0F		7.8 7.8	907	0 362	0.80	0.4	0.18	0.22
1130 2/23/71	5050 5050	67 7.55	80E 48 F		A.2	976	0 236	0.04	0.4	0.09	0.20
1115	5050	0	25€		8.5	702	6	•••	0.4		0.12

TABLE 0-4 (CONTINUED) NUTRIENT ANALYSIS OF SURFACE WATER

				NUTRI	ENT ANALYS	SIS OF SURFA	CE WATER			
DATE TIME	SAMP G.H.	TEMP TURB	TELO F1E CO2 LABORA ALK. PH	TORY EC	LAH HCO3 CO3	N05 KH3	NO3 ORG N	CONSTITUENTS IN MILLIGRAMS P DIS NM3 + FIL. ORG N ORG N A.H.PO4	F P04 U P04	F 101 P U 101 P
	A0 2965.	00	RO70 DRAINA	GE TO	SACRAMENT	TO RIVER		CONT INUEO		
3/24/71 1010	5050 5050 78	60 F 105E	8.0 8.3	710	245 0		0.08	0.5	0.10	0.17
4/20/71 1050	5050 5050 20	58 F 60E	7.9 8.2	739	256 0		0.21	0.6	0.11	0.16
5/25/71 1230	5050 3.55 5050 17	21.5C 10E	7.5 8.0	626	0 226		0.28	0.6	0.20	0.24
6/10/71 1120	5050 3.91 5050 17	22 C 45E	7.7 8.0	555	2§2 0		0.24	0.9	0.12	0.18
7/15/71 1140	5050 3.60 5050 17	27 C 2E	7.7 8.3	462	201 0		0.01	0.8	0.15	0.17
8/11/71 1000	5050 4.60 5050 17	27 C 30E	7.3 8.3	546	210 0		0.03	0.6	0.12	0.13
9/28/71 1100	5050 2.98 5050 0	17.5C 40E	7.9 7.7	822	345 0		0.02	0.7	0.22	0.26
	A0 2967.0	0 0	BUTTE SLOUG	H AT C	OUTFALL GA	TE5				
10/14/70 1000	5050 5050 223	62 F 35E	7.0 8.0	196	106 0		0.02	0.4	0.06	0.13
11/19/70 1000	5050 9.88 5050 0	12.0C	7.0 7.8	180	93		0.11	0.3	0.04	0.10
12/17/70 1050	5050 9.87 5050 0	9.0C 80E	6.8 7.3	153	72 0		0.30	0.3	0.04	0.12
1/19/71 1045	5050 5050 0	52.0F 120E	7.1	204	102 0		0.13	0.5	0.04	0.09
	A0 5103.0		FEATHER RIV	ER AT	NICOLAUS					
10/07/70 0900	5050 5050 5530	59.4F	7.3 7.8	86 82	45 0	0.00	0.03 0.1	0.1	0.00	0.05
10/20/70 1100	5050 3.97 5050 5500	58 F 6E	7.3	80 84			0.07	0.2	0.01	0.02
11/05/70 1020	5050 5050 6200	56.0F	7.3 7.6	88 84	46	0.00	0.05 0.2	0.2	0.04	0.04
11/17/70 1315	5050 4.47 5050 6220	54.0F 7E	7.2	85 84			0.03	0.1	0.03	0.03
12/09/70 1010	5050 5050 14800	50.4F	7.3 7.4	96 88	041	0.01	0.26	0.21	0.03	0.06
12/21/70 1040	5050 2.90 5050 11500	47 F 15E	7.3	89 88			0.20	0.2	0.02	0.04
3/17/71 0830	5050 0.44 5050 13800	49 F 25E	7.3	88 85			0.07	0.3	0.00	0.07
4/21/71 0930	5050 8.68 5050 13860	52.0F 10E	7.4	85 81			0.00	0.1	0.00	0.02
5/19/71 0715	5050 6.43 ⁷ 5050 9240	59.0F 10E	7.5	80 80			0.01	0.2	0.00	0.03
6/16/71 1040	5050 7.01 5050 10520	78 F 25E	7.6	84 74			0.01	0.2	0.00	0.05
7/21/71 1220	5050 5.17 5050 7289	75 F 10E	7.3	70 74			0.01	0.2	0.00	0.03
8/18/71 1200	5050 6.75 5050 10050	70 F 7E	7.3	75 77			0.00	0.1	0.00	0.02
9/15/71 1140	5050 7.92 5050 12320	64 F 10E	7.3	75 78			0.04	0.2	0.01	0.02
	A0 5111.0)1	FEATHER RIV	ER BEL	OW STAR 8	ENO				
10/13/70 0910	5403 5050	58 F 6E	7.3	82			0.05	0.2	0.01	0.01
10/24/70 0930	5403 5050 •	50.0F 5E	7.2	88			0.02	0.0	0.01	0.03
11/10/70 0935	5403 5050	51 F 10E	7.1	85			0.05	0.1	0.01	0.16
11/24/70 0900	5403 5050	46.0F 5E	7.1	86			0.04	0.3	0.01	0.02
12/08/70 0930	5403 5050	44.0F 35E	7.0	83			0.15	0.0	0.02	0.04
12/22/70 0930	5403 5050	38.0F 15E	7.0	89			0.12	0.2	0.01	0.03
	A0 5120.0	0	FEATHER RIV	ER BEL	OW SHANGH	AI BEND				
10/07/70 0815	5050 5.97 5050 4857	57.6F 7E	7.3	87 83			0.05	0.1	0.01	0.06
10/20/70 0950	5050 6.03 5050 5067	56 F 6E	7.2	80 85			0.06	0.2	0.01	0.01
11/04/70 1630	5050 6.18 5050 5432	54.8F 7E	7.3	89 84			0.04	0.1	0.03	0.13
11/17/70 1120	5050 6.44 5050 5959	52.0F 8E	7.2	85 83			0.03	0.2	0.02	0.04

								SURFACE WATER			
DATE TIME	SAMP LAB	G.H. 0	TEMP TURB	ALK. PH		HC03	B N	02 N03	NT CONSTITUENTS IN P DIS NH3 + DRG N ORG N	HILLIGRAMS PER LITER FIL. F PO4 A.H.PO4 U PO4	F TOT P U TOT P
		40 5120.	00	FEATHER	RIVER B	ELOW SH	HANGHA1 BEI	4D	CONTINUED		
12/08/70 1415		0.40 12680	51.0F 40E	7.	3 90 84			0.15	0.1	0.00	0.04
12/21/70		9.16 10690	46 F 15E	7.	.3 90 88			0.08	0.1	0.01	0.02
1/06/71	5050 5050	9.14 10710	43.5F 7E	7.	.3 95 87			0.08	0.1	0.01	0.03
		0 5125.	00	FEATHER	RIVER A	T SHANG	SHAI BEND				
10/27/70 0825	5213 5050	6.15 5309	53.0F 8E	7.	.3			0.03	0.1	0.02	0.03
11/10/70 0725	5213 5050	6.75 6385	56 F 15E	7.	.7 91			0.03	0.1	0.02	0.20
11/24/70 0845	5213 5050	6.28 5787	53.0F 8E	7.	92			0.04	0.2	0.02	0.03
12/08/70 0820	5213 5050	0.32 12530	50.0F 15E	7.	5 90			0.13	0.2	0.01	0.05
		0 5134.	01	FEATHER	RIVER A	BOVE YU	BA RIVER	T YUBA CITY			
10/27/70 1315	5212 5050	1.23	12.2C	7.	9 95			0.03	0.1	0.02	0.05
11/10/70	5212 5050		13.9C 7E	7.	6 91			0.03	0.1	0.01	0.12
11/24/70	5212 5050	1.23	11.8C 9E	7.	8 96			0.03	0.2	0.02	0.03
12/08/70	5212 5050		10.4C 10E	7.				0.18	0.1	0.01	0.06
12/22/70	5212		7.4C 25E	7.	9 91			0.12	0.2	0.01	0.04
1240	5050	10 5136.		FEATHER		T YUBA	CITY DIVE	RSION	***		
10/27/ 7 0 1345	5212 5050	9.00	12 .2 C 6E	7.	9			0.03	0.1	0.08	0.11
11/10/70 1145	5212 5050	9.50	13.6C 7E	7.	8 88			0.03	0.0	0.00	0.04
11/24/70	5212	9.5	11.6C 2E	7.				0.03	0.2	0.02	0.02
1005 12/08/70	5050		10.3C	7.	7			0.12		0.01	
1345	5050 5212		15E 7.3C	8.	90			0.12	0.1	0.01	0.05
1220	5050		15E	554750	91		a. 54		0.2		0.03
10/07/70		6.42	57.5F	7.	RIVER NE	45		0.02		0.00	
0645	5050	3034	57 F	7.	7 82	0		0.06	0.1	0.00	0.04
10/20/70 0840	5050	6.42 3054	SE		93				0.2		0.01
11/05/70 0830	5050 5050	6.49 3199	55.8F	7.	5 86	0 49	0.	0.04	0.11	0.02	0.04
11/17/70 1020	5050 5050	6.41 3034	56.0F 4E	7.	4 92 89			0.03	0.2	0.02	0.05
12/09/70 0840		8.16 7208	50.4F	7. 7.		0		0.10	0.0	0.00	0.02
12/21/70 1230		7.32 5214	46 F 4E	7.	4 89 88			0.06	0.1	0.00	0.01
	4	0 5660.	00	JACK 5L	OUGH AT	ARYSVI	LLE				
10/13/70 0935	5401 5050		58 F 11E	7.	2 87			0.05	0.3	0.02	0.04
10/27/70 1115	5401 5050		60.0F 30E	7.	2 126			0.04	0.4	0.07	0.14
11/10/70 0907	5401 5050		58 F 25E	6.	7 134			0.02	0.6	0.06	0.16
12/09/70 0936	5401 5050		52.0F 30E	6.	5 99			0.15	0.5	0.04	0.10
12/22/70	5401 5050		43.0F 35E	6.	7 90			0.14	0.5	0.02	0.06
		0 5710.	01	NORTH H	IONCUT CRE	EK AT	HIGHWAY 7)	-		
10/27/70 1042	5401 5050		60.0F 7F	7.	3 224			0.04	0.5	0.19	0.19
11/10/70 0836	5401 5050	50	59 F 7E	7.	0 186			0.04	0.4	0.02	0.18
12/08/70 0907	5401 5050		53.0F 15E	6.	9			0.36	0.3	0.02	0.05
12/22/70	5401 5050		48.0F 30E	6.	9 96			0.20	0.4	0.01	0.04
			_								

			terr minerals of sent act marks			
DATE TIME	SAMP G.H. TEMI	B ALK. PH EC	HC03 NO2 NO3 C03 NH3 OHG N	CONSTITUENTS IN MILLIGRAMS DIS NH3 + FIL. ORG N ORG N A.H.PO4	F P04 F T01 P	
	A0 6120.00	YUBA RIVER AT MA	RYSVILLE			
10/27/70 0845	5213 49.0 5050 48		0.02	0.0	0.03	
11/10/70 0800	5213 49 5050 108		0.06	0.0	0.00	
11/24/70 0955	5213 47.0 5050 28		0.04	0.1	0.00	
12/08/70 0850	5213 49.0 5050 358		0.18	0.0	0.01	
	A0 6150.00	YUBA RIVER NEAR	MARYSVILLE			
10/13/70 1030	5402 60.8 5050 2100 28		0.02	0.1	0.00	
10/27/70 1045	5402 52.0 5050 2360 38		0.01	0.0	0.01	
11/10/70 1040	5402 50 5050 3240 108		0.05	0.0	0.00	
11/24/70 1140	5402 49.0 5050 2800 38		0.03	0.1	0.00	
12/08/70 1105	5402 50.0 5050 4130 456		0.18	0.1	0.01	
12/22/70 1045	5402 52.0 5050 4320 108		0.09	0.1	0.00	
	A0 6512.01	BEAR RIVER NEAR	RIO OSO			
10/20/70 0730	5050 58 5050 158		0.09	0.6	0.01	
11/17/70 0920	5050 53.5 5050 40 E 306		0.23	0.5	0.15	
12/08/70 1510	5050 53.8 5050 258		0.65	0.8	0.08	
12/21/70 1330	5050 47 5050 356		0.40	0.3	0.03	
1/06/71 0755	5050 37.0 5050 20E		0.42	0.6	0.11	
	A0 6535.01	BEAR RIVER AT FO	RTY MILE ROAD NEAR WHEATLAND			
12/08/70	5405 8.5 52.0		0.34		0.02	
1330 12/22/70	5050 4.5 35E 5405 8.3 50.0		0.31	0.2	0.04	
1330	5050 7.0 308	70		0.2	0.03	
	A0 6550.00	BEAR RIVER NEAR	WHEATLAND			
10/27/70 1330	5405 62.0 5050 7.2 10E		0.01	0.1	0.08	
12/08/70 1300	5405 8.25 52.0 5050 1670 35E		0.32	0.1	0.02	
12/22/70 1300	5405 8.13 50.0 5050 1570 20E		0.31	0 • 4	0.00	
	A0 6620.01	DRY CREEK AT FOR	TY MILE ROAD NEAR RIO 050			
12/08/70	5405 6.0 5050 3.5 15E	7.5	0.80	0.6	0.06	
12/22/70 1345	5405 6.5 45.0 5050 4.5 15E		0.43	0.2	0.02	
	A2 1010.00	SACRAMENTO RIVER	AT KESWICK			
10/13/70 1325	5050 54 5050 7100 3E	F 7.1	53 0.06 0	0.2	0.05	
11/18/70 1115	5050 53 5050 14000 7E		56 0.12	0.1	0.03	
12/16/70 1400	5050 49.0 5050 20000 • 9£	7.0 7.4 115	55 0.07	0.1	0.00	
1/18/71 1420	5050 48.0 5050 25000 40E		54 0.10	0.1	0.00	
2/22/71 1135	5050 7 5050 7000 10E		56 0.01	0.1	0.02	
3/23/71 1340	5050 47 5050 5000 6E		53 0.06	0.2	0.00	
4/19/71 1400	5050 47 5050 13500 7E		58 0.05	0.1	0.01	
5/24/71 1300	5050 9.0 5050 14100 4E		53 0	0.1	0.01	
6/09/71 1040	5050 9 5050 13000 6E		56 0.10	0.1	0.01	
7/14/71 1105	5050 9.5 5050 12500 5E		57 0	0.1	0.01	
8/10/71 0900	5050 10.5 5050 13000 7E		60 0.09 0	0.2	0.03	

DATE TIME	SAMP LAB	G.H.	TEMP TURB	ALK.	LABOR	EC	LAB HC03 C03	NO2 NO3 NH3 ORG N		IL. F PO4 F TOT P
	А	2 1010.	.00	SACH	AMENTO	RIVER	AT KES	w1CK	CONTINUED	
9/27/71 1115		10500	12 C 4E		7.1 7.2	111	58 0	0.10	0.1	0.02
	A	3 1110.	.00	STON	Y CREE	K BELO	BLACK	BUTTE DAM		
11/10/70 1240	5050 5050	2.40 32	13.5C 40E		8.4	429	237 0	0.00		0.01
1/12/71 1440	5050 5050	2.39 35	5.5C 80E		8.1	303	127 0	0.34		0.02
3/10/71 1300	5050 5050	3.00 98	50 F 7E		8.3 8.5	153	109 3	0.05		0.00
5/18/71 1030	5050 5050	166	16.5C 30€		8.1 8.3	260	131 0	0.11		0.02
7/09/71 1125	5050 5050	4.03 338	23 C 45E		7.9 7.3	276	135 0	0.00		0.00
9/24/71 1100	5050 5050	3.77 242	20.5C 85E		8.1	338	169 0	0.09		0.01
	Α.	3 1250.	00	STON	Y CREE	K NEAR	FRUTO			
10/07/70 0930	5050 5050	30	12.0C 115E		8.4 7.9	454	247 0	0.07		0.00
11/10/70 1200	5050 5050	142	12.0C 115E		8.0 7.8	447	110	0.14		0.02
12/10/70 1245	5050 5050	1500	7.5C 240E		7.8 8.1	233	94 0	0.16		0.00
1/12/71 1400	5050 5050	495	4.0C 180E		7.6 8.0	204	88 0	0.00		0.01
2/08/71 1115	5050 5050	763	7 C 55E		7.9 8.1	228	102	0.14		0.01
3/10/71 1200	5050 5050	196	48 F 10E		8.0 8.1	288	121	0.00		0.00
4/12/71 1440	5050 5050	674	60 F 70E		8.0	226	106	0.00		0.00
5/18/71 0940		300	13.5C 4E		7.9 8.3	228	105	0.00		0.01
6/08/71 0930		265	17 C		8.0	246	118	0.11		0.00
7/09/71	5050		21 C		8.3		138	0.00		0.00
1030 8/09/71	5050 5050	104	30E		7.9 8.0	276	0 152	0.05		0.00
0845 9/24/71	5050 5050	425	80E 19 C		8.0	289	0 180	0.02		0.00
1005	5050 A3	201 3 1302.0	60E 00	GR1N	7.9 DSTONE	353 CREEK	0 NEAR EL	K CREEK		
11/10/70 1130	5050 5050	9.82 184	11.0C 115E		7.5 7.7	305	92	0.14		0.02
1/12/71 1335	5050 5050	310	4.0C 210E		7.6 8.0	176	77 0	0.02		0.00
3/10/71 1150	5050 5050	9.60 93	46 F		7.7 8.0	247	101	0.00		0.01
5/18/71	5050		4E 12 C		7.6		0 75	0.00		0.01
0925 7/09/71	5050 5050	9.65	2E 24.5C		7.9 8.1	177	0	0.00		0.00
1000 9/24/71	5050	9.40	21 C		7.7 8.0	306	0 155	0.05		0.00
0945	5050 A3	22 3 2120.0	1E 00	THOM	7.3 ES CREE	440 K AT P	0 ASKENTA			
10/07/70	5050 5050	2.86	14.0C 2E		8.4	474	135	0.00		0.00
11/10/70 1030	5050 5050	4.63 305	9.0C 500E		7.5 7.6	182	68	0.09		0.01
12/10/70 1125	5050 5050	5.46 693	5.5C 240E		7.4 7.9	148	72 0	0.05		0.00
1/12/71	5050	5.63	3.5C		7.7		75 0	0.02		0.01
2/08/71	5050 5050	731 5.21	140E 5 C		7.9 8.1	152	79	0.50		0.01
1015 3/10/71	5050 5050	540 4.33	45E 44 F		7.8	162	99	0.00		0.01
1045 5/18/71	5050 5050	180	3E 10.5C		7.9	202	0 76	0.00		0.01
0835 6/08/ 7]	5050 5050	360 4.18	4E 15.50		8.0 7.6	192	0 70	0.14		0.00
0830 7/09/71	5050 5050	3.24	14E 21 C		7.8 8.0	145	0	0.00		0.01
0840	5050	51	16		7.9	254	0	V • V V		V • V •

TABLE D-4 (CONTINUED) NUTRIENT ANALYSIS OF SURFACE WATER

				NUTR	TENT ANALTS	13 OF SORPA	LE MAIEN			
DATE	SAMP G.I	H. TEMP TURB	CO2 LABOR	EC	C03	20N 3	NO3 ORG N	CONSTITUENTS IN MILLIGRAMS POURS NH3 + FIL. ORG N ORG N A.H.PO4	F P04 U P04	F TOT P U TOT P
	A3 21	20.00	THOMES CRE	EK AT	PASKENTA			CONTINUED		
8/09/71 0755	5050 2. 5050 14	78 24 C 2E	7.9 7.9	308	113		0.05		0.00	
9/24/71 0845		54 17.5C .5 0E	8.2 7.5	388	116		0.02		0.00	
	A5 R 9	53.0 028.6	LAKE DAVIS		DAN (STATI					
1715	5050	46.0F	7.3 7.8	78 78	0	0.00	0.00	0.3	0.02	0.05
		54.9 030.3			LAKE (STATI					
4/28/71 1515	5050	42.3F	7.3	79		0.00	0.00	0.5	0.02	0.04
4/28/71 1540	5050	42.0F	7.3	79		0.00	0.00	0.6	0.00	0.05
4/28/71 1555	5050 5050	40.4F	7.1	79		0.00	0.00 0.5	0.5	0.01	0.03
	A5 R 95	54.9 032.1	LAKE DAVIS	IN C	DW CREEK CH	ANNEL				
4/28/71 1440		56.1F E	7.1 7.7	44 51	32 0	0.00	0.01 0.2	0.2	0.01	0.07
	A5 R 95	55.3 033.0	LAKE DAVIS	IN F	REEMAN CREE	K CHANNEL				
4/28/71 1100	5050 5050 20	45.4F E	7.1 7.7	50 51		0.00	0.00 0.2	0.2	0.00	0.03
	A5 R 95	55.7 033.7	LAKE DAVIS	IN B	IG GRIZZLY	CREEK CHANNI	EL			
4/28/71		36.6F	7.0	46	28	0.00	0.01		0.00	
0845	5050 20		7.6	48 NEAR		0.00 (STATION 3)	0.2	0.2		0.03
4/28/71		42.1F	7.3	77	46	0.00	0.00		0.00	
1245	5050	72011	7.9	78	0	0.00	0.5	0.5	*****	0.04
	A5 548	36.41	LAKE DAVIS	TRIBU	JTARY+ NORTH	H OF COW CRI	EEK			
4/28/71 1400		56.0F	6.7	21 20		0.00	0.00 0.2	0.2	0.02	
	A5 548	36.53	FREEMAN CR	EEK TE	RIBUTARY OF	TRIBUTARY,	AT LAKE D	AVIS		
4/28/71 1135	5050 5050 0.	40.0F	6.6	19 18		0.00	0.00	0.3	0.03	0.03
			1 CLEARLAKE		CLEARLAKE H					
11/12/70	5050	58.0F	7.3		142		0.77		0.05	
1130		10E 50.0F	7.6 7.1	257	0 139		0.61		0.24	
2/04/71		15E	7.9 7.1	247	138		0.84		0.02	
1045 3/04/71	5050	25E 47 F	7.5 7.3	244	0 138		0.70		0.01	
1025	5050	40E 54 F	7.8 7.2	247	0		0.68		0.02	
1035	5050		7.6	240	0		••••			
			1 CLEAR LAKE	AT LA						
0730	5050 5050	13.5C 25E	8.1	244	136		0.05		0.30	
11/12/70 0925	5050 5050	56.0F 40E	7.4 8.2	243	138 0		0.75		0.22	
12/10/70 0915	5050 5050	48.0F 60E	7.4 7.8		0		0.54		0.52	
1/07/71 1230	5050 5050	6.0C 55E	7.0 7.7	218	118		0.63		0.06	
2/04/71 0840	5050 5050	45 F 100E	7.1 7.8	190	103		0.63		0.06	
3/04/71 0845	5050 5050	47 F 80E	7.5 7.6	208	114		0.59		0.04	
4/08/71 0830	5050 5050	51 F 45E	7.4 7.7	206	113		0.61		0.05	
5/05/71 0730	5050 5050	57 F 30€	7.5 7.6	211	119		0.56		0.04	
6/24/71 0755	5050 5050	20E	8.1 8.3	226	128 0		0.02		0.00	
7/22/71 0935	5050 5050	24.5C 14E	8.3 8.3	231	134		0.00		0.07	
8/19/71 0840	5050 5050	24.5C 7E	8.4	241	135 0		0.16		0.25	
9/16/71 0855	5050 5050	22 C 5E	8.4	245	128		0.02		0.05	

				FIELD	FIE		LA8	1515 OF SURFAC		CONSTITUENTS IN MILLIGRAMS PE	R LITER	
DATE TIME	5AMP LA8	G.H. 0	TEMP TURB	CO2	LABORA PH	EC	HC03 C03	S0N EHN	NO3 ORG N	DIS NH3 FIL. ORG N DRG N A.H.PO4	F P04	F TOT P U TOT P
	A	8 1350.	00	CACHE	CREEK	NEAR	LDWER L	AKE		•		
10/22/70 0835	5050 5050	1.14	14.5C 10E		7.8 7.8	265	148 0		0.05		0.00	
11/12/70 1050	5050 5050	0.53 2.8	51.0F 4E		7.3 8.1	311	153 0		0.12	0.8	0.00	0.07
12/10/70 1030	5050 5050	0.48 2.2	48.0F 60E		7.3 7.7	194	86		0.26	0.6	0.00	0.10
1/07/71 1345	5050 5050	0.56 3.2	7.0C 25E		7.1 7.7	247	135 0		0.62	0.5	0.04	0.06
2/04/71 1000	5050 5050	0.72	47 F 25E		7.6 7.7	256	139 0		0.86	0.6	0.01	0.03
3/04/71 0945	5050 5050	0.70 5.8	47 F 20E		7.8 7.6	292	146 0		0.13	0.6	0.00	0.04
4/08/71 0945	5050 5050	0.60 3.9	59 F 20E		8.0 7.8	248	138 0		0.49	0.7	0.01	0.04
5/05/71 0830	5050 5050	2.56 180	58 F 25E		7.4 7.4	250	134 0		0.41	0.7	0.05	0.07
6/24/71 0825	5050 5050	6.93 3060	23.5C 30E		7.6 8.0	250	134		0.07	1.6	0.02	0.10
7/22/71 1115	5050 5050	4.09 650	27 C 4E		7.8 7.9	240	129		0.05	1.5	0.03	0.13
8/19/71 0945	5050 5050	3.58 490	26 C 20E		8.4 8.1	247	138		0.04	1.1	0.00	0.12
9/16/71 0910		3.04 335	25 C 20E		8.2 8.1	258	144		0.06	0.2	0.01	0.09
0,910		0 7020.					NR VER	AL15		V•C		0.09
10/20/70	5050 5050	1.14 1450							1.4	0.8		
	8	9 D 747.	2 118.4	SAN J	DAQUIN	RIVER	AT MOSS	DALE BRIDGE				
10/06/70 0847	5050 5050								1.1	1.1		
10/20/70	5050 5050								1.3	0.8		
10/06/70		9 D 748.	3 126.9	DLD R	IVER A	T TRAC	Y ROAD E	IDGE	1.0			
	5050									1.9.,		
10/13/70 0735	5001 5050								0.90	2.0		
10/13/70 1250	5001 5000		19 C 33A	;	7.8	826	188 0	0.0	1.20	1.2	0.08	0.14
10/20/70 0500	5001 5050		16 C						0.98	1.6		
11/05/70 0730	5001 5050		14.0C						0.81	1.4		
4/28/71 1450	5001 5000		17 C	6	8.6	900	137 8	0.02	0.80	0.42	0.04	0.24
7/15/71 1510	5001 5001		26 C 25A	8	8.8	936	148 14	0.0	0.10		0.04	0.20
8/09/71 1305	5001 5001		30 A	٤	3.6	1030		0.01	0.40		0.06	0.36
9/13/71 1425	5001 5001		25 C 23A	8	.2	1014		0.06	0.49		0.06	0.33
		D 748.5		OLD RI			E AD					
10/06/70	5001 5050								0.99	1.3		
10/13/70 0645	5001 5050								1.3	1.1		
10/20/70 0610	5001 5050		16 C						1.2	0.9		
11/05/70	5001 5050		15.0C						1.2	0.7		
	R9	D 749.3	122.5	OLO RI	VER A	T JUNC	T10N W1T	H MIDOLE RIVER	₹			
10/06/70	5001 5050								1.1	1.2		
10/13/70 0645	5001 5050								1.3	0.9		
10/20/70 0540	5001 5050		16 C						1.2	0.9		
11/05/70 0805	5001 5050		}5.0C						1.4	0.6		
										•••		

			TELO FIE		LAB					GRAMS PER LITER	
DATE	LAS Q		CO2 LABORA	EC	HC03	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	NO3 ORG N	OI5 ORG N	ORG N A	FIL. F P04 H.P04 U P04	F TOT P U TOT P
	89 0 751.9	119.3	SAN JOAQUIN	RIVER	R AT BRANC	OT BRIDGE NEA	AR STOCKTO)N			
10/06/70 0748	5050 5050						1.1		1.2		
10/20/70	5050 5050						1.2		0.8		
	89 0 752.6	122.9	MIDDLE RIVE	RAT	VILLIAMS 6	BRIOGE NEAR H	OLT				
10/13/70 1215	5001 5000	19 C 58A	8.4	683	146	0.12	0.0		1.32	0.02	0.08
4/28/71 1415	5001 5000	18 C 35A	7.6	765	104	0.03	1.30 0.52		0.55	0.04	0.15
7/15/71 1405	5001 5001	26 C	7.1	242	67	0.01	0.40			0.07	0.13
8/09/71 1340	5001 5001	27 C 39A	7.5	236		0.03	0.25			0.20	0.20
9/13/71 1500	5001 5001	25 C 65A	7.5	233		0.03	0.10			0.04	0.27
	B9 D 753.5		MIDOLE RIVE		BORDEN HIG	SHWAY NEAR TR	RACY				
10/13/70 1135	5001 5000	19 C 34A	7.3	263	88	0.0	0.40		0.47	0.08	0.09
4/28/71 1335	5001 5000	18 C 30A	7.8	275	0 74	0.0	0.0 0.28		0.28	0.05	0.15
7/15/71 1330	5001 5001	25 C 28A	7.5	182	63	0.0	0.20			0.06	0.10
8/09/71 1230	5001 5001	26 C 30A	7.6	164		0.04	0.10			0.05	0.14
9/13/71 1350		24 C 19A	7.3	181		0.01	0.01			0.03	0.14
	89 D 756.1		WHISKY SLOU		HOLT					*****	****
10/13/70 1050	5001 5000	19 C 27A	7.1	394	98 0	0.0	0.30 0.67		0.67	0.02	0.04
4/28/71 1250	5001 5000	19 C 18A	9.1	630	82 8	0.0	0.0 0.48		0.48	0.0	0.13
7/15/71 1255	5001 5001	26 C	8.4	426	87	0.0	0.0			0.01	0.10
8/09/71 1145	5001 5001	27 C 25A	7.8	338		0.0	0.0			0.02	0.12
9/13/71 1310	5001 2 5001	26 C 12A	7.1	325		0.02	0.04			0.02	0.10
	89 0 757.8		STOCKTON SH		NNEL AT B						
10/06/70 0633	5050 5050						1.0		1.7		
10/20/70	5050 5050						1.2		0.9		
	89 D 758.7	122.9	SAN JOAQUIN	RIVER	AT BUCKL	EY COVE					
10/12/70 1330	5001 2 5000	20 C 30A	7.7	687	166 0	0.70	1.20		1.8	0.27	0.32
4/28/71 1135		18 C 14A	8.5	610	123 0	0.0	1.00		0.48	0.20	0.38
7/15/71 1215	5001 5001	25 C 21A	7.7	460	99	0.11	0.26			0.20	0.14
8/09/71 1100	5001 2 5001	26 C	7.7	289		0.01	0.15			0.06	0.17
9/13/71 1200	5001 2 5001	25 C 12A	7.3	538		0.10	0.96			0.28	0.41
	89 D 759.9 1	126.6	SAN JOAQUIN	RIVER	AT LIGHT	NO 24					
10/06/70 0605	5050 5050						1.0		0.7		
10/20/70	5050 5050						1.2		1.0		
	89 N 801.1 1		BIG BREAK N	EAR OA	KLEY						
10/07/70 1305	5000	18 C 34A	7.8	164		0.00	0.07 0.31	0.25	0.31	0.08	0.16
11/23/70 1210	5000	14 C 17A	7.5	183		0.00	0.36	•54	0.81	0.08	0.12
3/03/71 0940		20 A	6.8	255	74 0	0.09	0.30	.10	0.26	0.06	0.14
4/06/71 1440		15 C 50A	7.5	151	0 60	0.0	0.10 0.32	•22	0.32	0.04	0.16
5/05/71 1425		16 C 23A	7.8	143	61	0.04	0.0	.38	0.25	0.04	0.10
6/03/71 1450	5001 1 5000	19 C 17A	7.7	151	68	0.0	0.03 0.23	.24	0.23	0.03	0.15

	DATE TIME	SAMP G.H. LAB G	TEMP TURB	CO2 LABO	IELD RATORY EC	LA6 HC03 C03	NO2 NH3	NUTRIENT NO3 ORG N	CONSTITUE DIS ORG N	NTS IN MI NH3 + ORG N	LLIGRAMS PE FIL A.H.PO4	R LITER F P04 U P04	F TOT P U TOT P
1315 5010		89 D 801.1	142.6	81G BREAK	NEAR O	AKLEY			CONT	INUED		•	
100 100				7.7	141		0.01	0.01	.04			0.04	0.09
1670 5001 16A 169 0 0.02 1670 170 5001 15A 175 150 0 0 0.0 0.01 1670 170 5001 15A 7 15B 0 0 0.0 0.01 1670 170 5001 15A 7 15B 0 0 0.0 0.05 1670 170 5001 15A 7 15B 1 0 0 0.0 0.05 1670 170 5001 15A 7 15B 1 0 0 0.0 0.05 1670 170 5001 15A 7 15B 1 0 0 0.0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 1670 170 5001 15A 7 15B 1 0 0 0 0.05 170 770 15B 1 0 0 0 0 0.05 170 770 15B 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				8.0	179		0.03	0.17	•07			0.03	0.10
150 150 161 161 150 161				8.2	169		0.02	0.0				0.04	0.10
				7.5	158		0.0	0.01				0.03	0.09
1280 5000 364 396 0.00 0.26 0.21 0.26 0.40 0.40 0.11 1/26/75 5000 128		89 D 801.2	148.5	SAN JOAQU	IN RIVE	R AT ANT	TIOCH SHIP CHA	NNEL					
1/28 5000				7.5	396		0.00		0.21	0.26		0.08	0.19
0815 500				7.2	196		0.02		0.0	1.02		0.07	0.11
1320 5000 45A 157 0 0.0 0.0 0.2 0.1 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2				6.9	265		0.12		0.23	0.43		0.06	0.20
13-0 5000 26-A 161 0				7.5	157		0.0		0.12	0.2		0.02	0.18
141 5 500				7.8	161		0.0		0.21	0.19		0.03	0.10
125 5001				7.6	170		0.03		0.27	0.31		0.04	0.10
1515 5001 23A				7.7	187			0.01				0.03	0.09
15-0 5001 30A 279 0 0.01 0.02 0.03 0.03 0.05 0.03				7.7	464		0.01	0.01	0.06			0.03	0.10
1340 5001 25A 166 0 0.0				7.9	279		0.01	0.02				0.04	0.12
10/09/70 5001 19 C 7.5 286 0.00 0.25 0.19 0.24 0.08 0.1 11/20/75 5001 15 C 7.2 206 0.00 0.76 0.42 0.76 0.07 0.1 3/03/71 5001 10 C 6.7 275 74 0.07 0.15 0.10 0.22 0.06 0.1 4/06/71 5001 16 C 7.4 164 63 0.0 0.10 0.28 0.10 0.28 0.02 0.1 1400 5000 266 7.9 155 62 0.04 0.21 0.18 0.25 0.03 0.1 1400 5000 116 7.7 164 66 0.0 0.27 0.22 0.27 0.03 0.1 1401 5001 22 C 7.6 171 62 0.01 0.02 0.05 0.03 0.1 1535 5001 19 C 7.7 383 62 0.02 0.03 0.01 0.02 0.04 0.1 1540 5001 22 C 7.9 267 68 0.02 0.01 0.02 0.05 0.03 0.1 1400 5000 226 7.5 171 0.0 0.0 0.01 0.00 0.01 0.02 0.05 1536 5001 22 C 7.9 267 68 0.02 0.01 0.01 0.02 0.05 0.03 0.1 1527 5001 19 C 7.6 171 0.0 0.0 0.01 0.01 0.02 0.05 0.03 0.1 11/23/75 5001 19 C 7.6 171 0.0 0.0 0.01 0.01 0.02 0.05 0.03 0.1 11/23/75 5001 19 C 7.6 171 0.0 0.0 0.01 0.01 0.02 0.02 0.03 0.1 0.02 0.05 0.04 0.1 11/23/75 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 0.12 0.15 0.07 0.1 0.15 0.07 0.1 0.15 0.07 0.1 0.05 0.00 0.				7.8	166		0.0	0.02				0.03	0.09
11/20/70 5001 15 C 7.2 206 0.00 0.24 0.19 0.24 0.08 0.1 11/20/70 5001 15 C 7.2 206 0.00 0.76 0.42 0.76 0.07 0.1 3/03/71 5001 10 C 6.7 275 74 0.07 0.15 0.10 0.22 0.06 0.1 4/06/71 5001 16 C 7.4 164 0.3 0.0 0.28 0.10 0.28 0.20 0.06 114/0 5000 26A 7.9 155 62 0.04 0.0 114/0 5000 11A 7.7 164 68 0.0 0.0 0.27 0.22 0.27 0.03 0.1 16/03/71 5001 18 C 7.7 164 68 0.0 0.0 0.27 0.22 0.27 0.03 0.1 16/03/71 5001 22 C 7.6 171 62 0.01 0.02 9/04/71 5001 22 C 7.9 267 68 0.02 0.01 16/03/71 5001 19 C 7.6 171 70 0.0 0.0 9/04/71 5001 22 C 7.9 267 68 0.02 0.01 16/03/71 5001 19 C 7.6 171 70 0.0 0.01 16/03/71 5001 19 C 7.6 171 70 0.0 0.01 11/20/770 5001 19 C 7.6 171 70 0.0 0.01 11/20/770 5001 19 C 7.6 171 70 0.0 0.01 11/20/770 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/75 5000 18 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 18 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 171 70 0.0 0.01 11/23/75 5001 19 C 7.6 150 0.00 0.01 11/23/75 5001 19 C 7.0 0.00 0.01 11/23/75 5001 19 C 7.0 0.00 0.00 0.00 0.00 0.00 0.00 0.0		89 D 801.6	145.2	SAN JOAQUI	N RIVE	R AT ANT	TOCH BRIDGE (AT LIGHT 1:	2)				
1315 5000 14A 206 0.00 0.76 0.42 0.76 0.07 0.1 3/63/71 5001 10 C 6.7 275 74 0.07 0.30 0.30 0.10 0.22 0.06 0.1 4/66/71 5001 16 C 7.4 164 63 0.10 0.28 0.10 0.28 0.02 0.1 5/05/71 5001 16 C 7.9 155 62 0.04 0.2 5/05/71 5001 16 C 7.9 155 62 0.04 0.2 6/03/71 5001 18 0.25 0.03 0.1 6/03/71 5001 18 0 7.7 164 68 0.0 0.2 0.2 111A 7.7 164 68 0.0 0.2 0.2 1250 5000 111A 7.7 164 68 0.0 0.2 1250 5001 22 C 7.6 171 62 0.01 0.02 8/06/71 5001 22 C 7.6 171 62 0.01 0.02 8/06/71 5001 22 C 7.9 267 0.0 0.02 8/06/71 5001 22 C 7.9 267 0.0 0.02 9/06/71 5001 22 C 7.9 267 0.0 0.02 9/06/71 5001 19A 7.0 171 0.0 0.0 8/06/71 5001 19A 7.0 171 0.0 0.0 11/07/70 5001 19 C 7.6 7.7 157 0.00 0.1 11/23/70 5001 19A FRANKS TRACT NEAR RUSSOS LANDING 10/07/70 5001 18 C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 11/23/70 5001 11 C 7.0 245 0 0.10 0.15 0.12 0.15 0.07 0.1 11/23/70 5000 18A C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 15 C 7.6 59 0.10 0.10 0.15 0.07 0.25 0.06 0.1 3/03/71 5001 15 C 7.6 59 0.10 0.10 0.15 0.07 0.25 0.06 0.1 3/03/71 5001 17 C 7.9 134 0 0.02 0.03 0.03 0.25 0.04 0.02 0.1 5/05/71 5001 17 C 7.9 134 0 0.02 0.03 0.03 0.25 0.04 0.02 0.1 5/05/71 5001 17 C 7.9 134 0 0.02 0.03 0.03 0.25 0.04 0.02 0.1 5/05/71 5001 17 C 7.9 134 0 0.02 0.03 0.23 0.31 0.26 0.04 0.1 5/05/71 5001 19 C 7.9 134 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 19 C 7.7 148 0 0.03 0.23 0.31 0.26 0.04 0.1 1650 5000 12A 8.0 59 0.04 0.03 0.23 0.31 0.26 0.04 0.04 0.1 1650 5001 12A 8.0 59 0.04 0.04 0.02 0.03 0.03 0.04 0.04 0.04 0.04 0.04				7.5	286		0.00		0.19	0.24		0.08	0.15
0920 5000 194 275 0 0.07 0.15 0.10 0.22 0.06 0.1 4/06/71 5001 16 C 7.4 164 0 0.0 0.0 0.28 0.10 0.28 0.02 0.1 5/05/71 5001 16 C 7.9 155 0 0.04 0.21 0.18 0.25 0.03 0.1 6/03/71 5001 18 C 7.7 164 68 0.0 0.0 0.27 0.22 0.27 0.03 0.1 1/01/71 5001 22 C 7.7 183 0 0.02 0.01 1/01/71 5001 22 C 7.9 267 0 0.02 0.01 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 171 0 0.00 0.15 1/01/71 5001 19 C 7.6 172 199 0.00 0.35 1/01/71 5001 19 C 7.6 172 199 0.00 0.35 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.15 1/01/71 5001 19 C 7.6 174 0.00 0.16 1/01/71 5001 19 C 7.6 146 0 0.18 0.22 0.12 0.4 0.00 0.00 1/01/71 5001 19 C 7.6 146 0 0.18 0.22 0.12 0.4 0.00 0.00 1/01/71 5001 19 C 7.6 146 0 0.00 0.00 0.00 0.00 0.00 0.00 0.00				7.2	506		0.00		0.42	0.76		0.07	0.12
1420 5000 45A 164 0 0.0 0.28 0.10 0.28 0.10 0.28 0.02 0.1 5/05/71 5001 16 C 7.9 155 02 0.04 0.21 0.18 0.25 0.03 0.1 6/03/71 5001 18 C 7.7 164 08 0.0 0.0 0.27 0.22 0.27 0.03 0.1 7/01/71 5001 12 C 7.6 171 02 0.01 0.02 0.05 0.05 0.03 0.1 8/04/71 5001 22 C 7.6 171 02 0.01 0.02 0.03 0.01 0.03 0.1 9/01/71 5001 22 C 7.6 171 0 0.02 0.01 0.02 0.05 0.03 0.01 9/01/71 5001 22 C 7.9 68 0.02 0.01 0.02 0.01 9/02/71 5001 19 C 7.6 171 70 0.0 0.01 0.01 0.02 0.02 0.03 0.01 9/22/71 5001 19 C 7.6 171 70 0.0 0.01 0.01 0.02 0.02 0.03 0.01 11/23/70 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.36 0.47 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 7.0 72 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 15 C 7.6 166 59 0.18 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 146 59 0.18 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 19 C 7.7 188 0 0.00 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 166 59 0.18 0.10 0.15 0.07 0.25 0.06 0.1 5/05/71 5001 19 C 7.7 188 0 0.02 0.23 0.38 0.25 0.04 0.0 6/03/71 5001 19 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 19 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 12 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 12 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 12 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 12 C 7.7 188 0 0.03 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 12 C 7.9 500 0.00 0.00 0.00 0.00 0.00 0.00 0.0				6.7	275		0.07		0.10	0.22		0.06	0.10
1400 5000 26A 155 0 0.04 0.21 0.18 0.25 0.03 0.1 6/03/71 5001 18 C 7.7 164 68 0.0 0.027 0.22 0.27 0.03 0.1 7/01/71 5001 22 C 7.6 171 62 0.01 0.02 0.05 0.05 0.03 0.0 8/04/71 5001 24 C 7.7 383 0 0 0.02 0.03 0.01 0.03 0.1 9/01/71 5001 22 C 7.9 68 0.02 0.01 0.02 0.01 0.03 0.1 9/01/71 5001 22 C 7.9 68 0.02 0.01 0.01 0.02 0.04 0.1 1405 5001 19A 7.6 171 0 0.0 0.0 0.01 1405 5001 19A 7.6 171 0 0.0 0.0 0.01 1405 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 18 C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 11/23/70 5001 18A 7.0 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 11/23/70 5001 18A 7.0 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 1505 5000 18A 7.0 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 1505 5000 18A 7.0 7.0 7.2 0.30 0.10 0.15 0.07 0.25 0.06 10.1 1606/71 5001 15 C 7.6 59 0.18 0.10 0.15 500 0.18 0.25 0.06 10.1 1606/71 5001 15 C 7.6 59 0.18 0.10 0.15 500 0.15 0.00 0.10 0.1				7.4	164		0.0		0.10	0.28		0.02	0.14
1430 5000 11A 164 0 0.0 0.27 0.22 0.27 0.03 0.1 7/01/71 5001 22 C 7.6 171 02 0.01 0.02 0.05 0.05 0.03 0.0 8/04/71 5001 19A 7.7 383 02 0.02 0.03 0.01 0.03 0.1 9/01/71 5001 22 C 7.9 267 06 0.02 0.01 9/29/71 5001 19A 7.6 171 0 0.0 0.01 9/29/71 5001 19A 7.6 171 0 0.0 0.01 1405 5001 19A 7.6 171 0 0.0 0.01 1405 5001 19A 7.6 171 0 0.0 0.01 1425 5000 22A 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.35 0.47 0.95 0.08 0.1 3/03/71 5001 15 C 7.0 245 0 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 59 0.10 0.15 0.10 0.15 0.07 0.25 0.06 0.1 5/05/71 5001 15 C 7.6 6 59 0.18 0.12 0.15 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 134 0 0 0.02 0.23 0.38 0.25 0.04 0.1 5/05/71 5001 19 C 7.7 148 0 0 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 148 0 0 0.03 0.23 0.31 0.26 0.04 0.3 6/03/71 5001 12A 7.7 148 0 0 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 12A 7.8 134 59 0.00 0.01 0.03 0.04 0.04 0.04 0.04 0.04 0.04 0.04				7.9	155		0.04		0.18	0.25		0.03	0.11
1250 5001 15A 171 0 0.01 0.05 0.03 0.0 8/04/71 5001 24 C 7.7 383 62 0.02 0.01 0.01 0.03 0.1 9/01/71 5001 22 C 7.9 267 68 0.02 0.01 0.01 9/29/71 5001 19 C 7.6 171 0 0.0 0.0 89 D 802.6 136.8 FRANKS TRACT NEAR RUSSOS LANDING 10/07/70 5001 18 C 7.7 157 0.00 0.11 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 15 C 7.6 146 0 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5000 15 C 7.6 146 0 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 134 68 0 0.02 0.03 6/03/71 5001 19 C 7.7 148 68 0 0.03 0.23 0.38 0.25 0.04 0.0 6/03/71 5001 19 C 7.7 148 68 0 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 12 C 7.8 134 0 0.02 0.23 0.33 0.35 0.25 0.04 0.3 7/01/71 5001 12 C 7.8 134 0 0.02 0.23 0.33 0.35 0.25 0.04 0.3 7/01/71 5001 12 C 7.8 134 0 0.00 0.02 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 12 C 7.8 134 0 0.00 0.01 0.03 0.03 0.04 0.04 0.04 8/04/71 5001 12 C 7.8 134 0 0.00 0.01 0.03 0.04 0.04 0.04 8/04/71 5001 23 C 7.8 134 0 0.00 0.01 0.03 0.04 0.04 0.04 8/04/71 5001 22 C 8.0 153 0.04 0.01 0.02 0.03 0.04 0.04 0.04 8/04/71 5001 22 C 8.0 153 0.04 0.00 0.02 0.03 0.00 0.04 0.04 0.04 8/04/71 5001 22 C 8.0 153 0.04 0.00 0.02 0.03 0.00 0.04 0.04 0.04				7.7	164		0.0		0.22	0.27		0.03	0.10
1535 5001 19A 383 0 0.02 0.01 0.01 0.03 0.1 9/01/71 5001 22 C 7.9 668 0.02 9/29/71 5001 19 C 7.6 70 0.0 0.01 1405 5001 19A 171 0 0.0 0.0 89 0 802.6 136.8 FRANKS TRACT NEAR RUSSOS LANDING 10/07/70 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5000 18A C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 1315 5000 17A 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 245 0 0.10 0.15 0.07 0.25 0.06 0.1 1550 5000 18A 7.6 159 0.10 0.15 0.07 0.25 0.06 0.1 1505 5000 15 C 7.6 166 59 0.10 0.15 0.07 0.25 0.06 0.1 1506/71 5001 15 C 7.6 166 59 0.10 0.10 0.15 0.07 0.25 0.06 0.1 1506/71 5001 17 C 7.9 60 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 60 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				7.6	171	0 62	0.01	0.02	0.05			0.03	0.09
1600 5001 20A 267 0 0.02 9/29/71 5001 19 C 7.6 171 0 0.0 0.01 89 D 802.6 136.8 FRANKS TRACT NEAR RUSSOS LANDING 10/07/70 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.36 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 72 0.30 0.30 0.47 0.95 0.06 0.1 3/03/71 5001 15 C 7.6 59 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 59 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 16 0 0.00 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 16 68 0.0 0.0 0.2 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 16 68 0.0 0.0 0.2 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 19 C 7.7 16 8 0.0 0.0 0.0 0.2 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 19 C 7.7 16 8 0.0 0.0 0.0 0.2 0.23 0.31 0.26 0.04 0.1 6/03/71 5001 19 C 7.7 16 8 0.00 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.00 0.01 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.00 0.01 0.03 0.04 0.04 0.04 0.04 8/04/71 5001 24 C 8.0 59 0.04 0.01 8/04/71 5001 24 C 8.0 59 0.04 0.01 8/04/71 5001 24 C 8.0 59 0.04 0.01	8/04/71 1535	5001 5001	24 C 19A	7.7	383	62 0	0.02	0.03	0.01			0.03	0.10
1405 5001 19A 171 0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0				7.9	267		0.02	0.01				0.04	0.10
10/07/70 5001 18 C 7.7 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 245 0 0.10 0.15 0.07 0.25 0.06 10.1 4/06/71 5001 15 C 7.6 59 0.10 1.5 0.01 15 0.02 0.1 5/05/71 5001 17 C 7.9 146 0 0.02 0.23 0.38 0.25 0.04 0.1 5/03/71 5001 19 C 7.7 68 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0				7.6	171		0.0	0.01				0.02	0.04
1425 5000 22A 157 0.00 0.15 0.12 0.15 0.07 0.1 11/23/70 5001 14 C 7.2 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 72 0.30 1055 5000 18A 0.245 0 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 59 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 60 0.02 0.23 0.38 0.25 0.04 0.1 5/05/71 5001 19 C 7.7 68 0 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 68 0 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.03 0.03 1450 5001 24 C 8.0 59 0.04 0.02 8/04/71 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02 1730 5001 24 C 8.0 59 0.04 0.02		89 0 802.6	136.8	FRANKS TRA	CT NEA	R RUSSOS	LANDING						
1315 5000 17A 199 0.00 0.95 0.47 0.95 0.08 0.1 3/03/71 5001 10 C 7.0 72 0.10 0.15 0.07 0.25 0.06 10.1 4/06/71 5001 15 C 7.6 59 0.10 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 60 0.00 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 68 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	10/07/70 1425	5001 5000		7.7	157		0.00	0.11 0.15	0.12	0.15		0.07	0.14
1055 5000 18A 245 0 0.10 0.15 0.07 0.25 0.06 0.1 4/06/71 5001 15 C 7.6 59 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 60 0.0 1600 5000 26A 134 0 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 68 0 0.0 0.0 1615 5000 21A 148 0 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.03 1450 5001 12A 134 0 0.01 0.03 8/04/71 5001 24 C 8.0 59 0.04 0.02 1730 5001 21A 153 0 0.04 0.02 1730 5001 21A 0.04 0.04 0.00				7.2	199		0.00		0.47	0.95		0.08	0.11
1540 5000 45A 146 0 0.18 0.22 0.12 0.4 0.02 0.1 5/05/71 5001 17 C 7.9 60 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 68 0.00 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.01 0.03 0.03 0.04 0.04 0.04 8/04/71 5001 24 C 8.0 59 0.01 0.02 0.03 0.04 0.03 8/04/71 5001 24 C 8.0 59 0.02 0.03 0.04 0.03 0.04 0.04 0.00				7.0	245		0.10		0.07	0.25		0.06) 0.10
1600 5000 26A 134 0 0.02 0.23 0.38 0.25 0.04 0.1 6/03/71 5001 19 C 7.7 68 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.03 1450 5001 12A 134 0 0.01 0.04 0.0 8/04/71 5001 24 C 8.0 59 0.02 1730 5001 21A 153 0 0.04 0.03 0.03 0.04 0.03				7.6	146		0.18		0.12	0.4		0.02	0.15
1615 5000 21A 148 0 0.03 0.23 0.31 0.26 0.04 0.3 7/01/71 5001 23 C 7.8 59 0.03 1450 5001 12A 134 0 0.01 0.04 0.04 8/04/71 5001 24 C 8.0 59 0.02 1730 5001 21A 153 0 0.04 0.03 0.04 0.1			26A	7.9	134		0.02		0.38	0.25		0.04	0.12
1450 5001 12A 134 0 0.01 0.04 0.04 0.0 8/04/71 5001 24 C 8.0 59 0.02 1730 5001 21A 153 0 0.04 0.03 0.04 0.1				7.7	148		0.03		0.31	0.26		0.04	0.30
1730 5001 21A 153 0 0.04 0.03 0.04 0.1				7.8	134		0.01	0.03	0.04			0.04	0.09
9/01/71 5001 22 C 8.2 66 0.0				8.0	153		0.04	0.02	0.03			0.04	0.10
				8.2	151	66 0	0.0	0.0				0.04	0.08
9/29/71 5001 18 C 7.8 67 0.01 1550 5001 22A 147 0 0.0 0.0 0.0				7.8	147		0.0	0.01				0.03	0.06

						IS OF SURFA					
DATE TIME	SAMP G.H. LAB G	TEMP TURB	FIELD FI CO2 LABOR ALK. PH	ELD ATORY EC	LA8 HC03 C03	\$00 EHN	NO3 ORG N	OIS ORG N	NTS IN MILLIGRAMS IN NH3 + FIL. ORG N A.H.PO4	F P04 U P04	F TOT P U TOT P
	89 D 802	6 147.6	SHERMAN LA	KE NEAF	RANTIOCH						
10/08/70 1300	5001 5000	18 C 25A	7.4	272		0.00	0.07 0.38	0.21	0.38	0.08	0.19
11/20/70 1240	5001 5000	14 C 21A	7.2	186		0.00	0.29 0.58	0.35	0.58	0.07	0.11
3/03/71 0900	5001 5000	23 A	6.9	265	78 0	0.15	0.30 0.12	0.08	0.27	0.06	0.09
4/06/71 1355	5001 5000	15 C 100A	7.5	138	65 0	0.03	0.10 0.30	0.15	0.33	0.02	0.15
5/04/71 1405	5001 5000	16 C 25A	7.3	135	62 0	0.02	0.0 0.21	0.19	0.23	0.04	0.10
6/02/71 1325	5001 5000	17 C 18A	7.6	161	68 0	0.0	0.08	0.22	0.19	0.04	0.10
6/30/71 1200	5001 5000	21 C 27A	7.4	152	60 0	0.01	0.06	0.01		0.04	0.11
8/03/71 1625	5001 5001	23 C 25A	7.9	320	62 0	0.0	0.02			0.04	0.12
8/31/71 1520	5001 5001	20 A	8.1	266	67 0	0.01	0.02			0.04	0.11
9/28/71 1320	5001 5001	18 C 20A	7.8	166	72 0	0.0	0.03			0.03	0.03
	89 0 802.	7 123.3	DISAPPOINT	IENT SL	OUGH NEAR	LOD1					
10/12/70 1145	5001 5000	19 C 60A	7.3	154	0 74	0.0	0.10 1.10		1.1	0.06	0.09
4/28/71 1010	5001 5000	16 C 24A	7.2	210	78 0	0.0	0.0		0.38	0.11	0.28
7/15/71 1045	5001 5001	24 C 40A	7.4	198	80 0	0.0	0.05			0.07	0.17
8/09/71 0955	5001 5001	26 C 30A	7.7	227		0.01	0.10			0.07	0.18
9/13/71 1040	5001 5001	24 C 27A	7.3	199		0.02	0.02			0.04	0.21
	89 D 803.	1 141.3	SAN JOAQUIN	RIVER	AT JERSE	Y POINT					
10/01/70 1300	5001 5000	21 A	7.3	169		0.00	0.09 0.31	0.24	0.31	0.08	0.20
10/07/70 1350	5001 5000	18 C 17A	7.7	166		0.00	0.09 0.21	0.19	0.21	0.08	0.14
10/15/70 1130	5001 5000	17 C 23A	7.4	158		0.00	0.14 0.43	0.25	0.43	0.08	0.24
10/22/70 1130	5001 ·	16 C 24A	7.3	169		0.0	0.10 0.46		0.46	0.07	0.09
10/29/70 1115	5001 5000	15 C 17A	7.3	164		0.10	0.20 0.50		0.6	0.06	0.11
11/23/70 1245	5001 5000	14 C 21A	7.2	209		0.00	0.29 0.51	0.32	0.51	0.07	0.12
3/03/71 1000	5001 5000	10 C 18A	6.7	270	76 0	0.05	0.30 0.22	0.09	0.27	0.06	0.11
4/06/71 1505	5001 5000	15 C 50A	7.5	156	61 0	0.08	0.10 0.12	0.18	0.2	0.02	0.15
5/05/71 1450	5001 5000	16 C 19A	7.8	136	61 0	0.03	0.07 0.28		0.31	0.04	0.10
6/03/71 1510	5001 5000	18 C 13A	7.6	149	148	0.06	0.05 0.21	0.22	0.27	0.03	0.10
7/01/71 1345	5001 5001	22 C	7.6	137	5 9 0	0.01	0.03	0.03		0.04	0.09
8/04/71 1630	5001 5001	24 C 18A	7.8	200	62 0	0.02	0.01	0.03		0.03	0.10
9/01/71 1645	5001 5001	21 C 16A	8.1	185	66 0	0.02	0.02			0.03	0.11
9/29/71 1455	5001 5001	18 C 17A	7.9	151	68	0.01	0.02			0.03	0.08
	89 0 804.	4 134.2	OLD RIVER A	T MOUT	н						
10/07/70 1525	5001 5000	18 C 14A	7.5	140		0.02	0.16 0.26	0.24	0.28	0.08	0.14
11/23/70 1340	5001 5000	14 C 20A	7.3	191		0.02	0.38 0.71	0.47	0.73	0.08	0.12
3/03/71 1120	5001 5000	9 C 19A	6.9	230	71	0.10	0.10 0.15	0.07	0.25	0.06	0.09
	89 D 804.	7 134.0	SAN JOAQUIN	RIVER	AT POTATO	POINT					
3/03/71 1130	5001 5000	9 C 17A	7.2	204	72 0	0.12	0.2 0.19	0.11	0.31	0.06	0.07
4/06/71 1605	5001 5000	15 C 50A	7.5	127	58 0	0.46	0.1 0.22	•12	0.68	0.02	0.15

DATE TIME	SAMP G.H. LAB G	TEMP TURB	CO2 LABOR	EC	LA8 HC03 C03	N02 NH3	NO3 ORG N	CONSTITU		FIL.	LITER F PO4 U PO4	F TOT P U TOT P
	89 0 804	.7 134.0	SAN JOAQUI	RIVE	R AT POTA	TOE POINT		CO	NTINUED			
5/05/71 1630	5001 5000	16 C 16A	7.5	133	62	0.0	0.0 0.10	•20	0.1		0.05	0.11
6/03/71 1640	5001 5000	18 C 11A	7.3	140	66 0	0.07	0.1 0.28	•28	0.35		0.05	0.10
7/01/71 1515	5001 5001	23 C 18A	7.4	125	55 0	0.05	0.1	0.04			0.05	0.09
8/04/71 1755	5001 5001	24 C 17A	7.7	139	63	0.04	0.1	0.04			0.05	0.10
9/01/71 1800	5001 5001	22 C 16A	8.0	138	66 0	0.03	0.1				0.04	0.12
9/29/71 1620	5001 5001	17 C 15A	7.6 9.5	136	14	0.02	0.1				0.04	0.10
	89 D 805	.2 124.1	WHITE SLOUG	H AT	RIO BLANC	O TRACT NEAR	FODI					
10/12/70 1115	5001 5000	18 C 29A	7.1	577	0 520	0.23	3.60 1.40		1.63		3.26	3.26
4/28/71 0915	5001 5000	16 C 17A	.7.4	237	90	0.16	0.90 0.48		0.64		0.71	0.07
7/15/71 0945	5001 5001	25 C 35A	7.3	445	164 0	0.09	3.20				1.79	1.89
8/09/71 0915	5001 5001	26 C 17A	7.5	277		0.06	0.07				0.27	0.38
9/13/71 0955	5001 5001	23 C 9A	7.0	588		0.05	0.04				1.70	2.00
	B9 D 805.	2 126.0	WHITE SLOUG	H NEAF	R LODI							
10/12/70 1045	5001 5000	18 C 27A	7.3	168	077	0.0	0.50 0.98		0.98		0.24	0.30
4/29/71 1010	5001 5000	16 C 16A	7.5	124	0 55	0.05	0.0 0.28		0.33		0.04	0.15
7/16/71 1000	5001 5001	24 C 25A	7.3	164	63	0.01	0.20				0.09	0.14
8/10/71 0940	5001 5001	25 C 19A	7.5	180		0.01	0.18				0.06	0.12
9/14/71 1100	5001 5001	24 C 20A	7.4	193		0.05	0.03				0.11	0.19
	B9 D 809.	6 141.1	SACRAMENTO	RIVER	AT RIO VI	ISTA BRIDGE						****
10/07/70 1240	5001 5000	17 C 14A	7.3	123		0.03	0.11 0.19	0.19	0.22		0.08	0.23
11/23/70 1450	5001 5000	13 C 19A	7.2	137		0.03	0.14 0.71	0.0	0.74		0.08	0.12
3/04/71 1115	5001 5000	9 C 18A	6.9	188	82	0.16	0.20 0.17	0.07	0.33		0.07	0.09
4/06/71 1715	5001 5000	15 C 55A	7.8	156	76 0	0.02	0.10 0.22	0.12	0.24		0.02	0.17
5/04/71 1510	5001 5000	15 C 19A	7.1	136	63 0	0.04	0.06	0.18	0.24		0.06	0.10
6/02/71 1435	5001 5000	16 C	7.4	141	64	0.06	0.12	0.25	0.28			
6/30/71 1310	5001 5000	20 C	7.3	125	54 0	0.05	0.10	0.0	V•20		0.08	0.10
8/03/71 1730	5001 5001	23 C	7.7	139	62		0.01				0.05	0.10
8/31/71 1625	5001	21 C	7.7		67	0.03	0.08	0.02			0.05	0.10
9/28/71	5001	10A	7.5	140	40	0.05	0.09				0.05	0.11
1420	5001 B9 D 810.	11A 1 127.9	HOG SLOUGH	127 IEAR T	12 HORNTON	0.05					0.05	0.11
10/14/70 1245		19 C 18A	7.4	288	82	0.0	0.10 0.38		0.20			
4/29/71 1150	5001 5000	15 C 21A	7.7	378	86	0.03	0.10 0.28		0.38		0.08	0.09
7/16/71	5001	26 C	7.7		82	0.03	0.01		0.31		0.05	0.17
1120 8/10/71	5001	19A 26 C	7.6	376	0		0.05				0.09	0.13
1055 9/14/71	5001	21A 24 C	7.0	281		0.04	0.02				0.14	0.26
1205	5001	12A		218	0. 7110/11/20	0.06					0.12	0.21
10/14/70	89 D 812.	18 C	BEAVER SLOUG	in NEA	R THORNTO	14	0.0					
1320	5000	16A 16 C	7.6	99	0 68	0.0	0.73		0.73		0.10	0.14
1250	5000	17A 25 C	7.2	209	59	0.04	0.10		0.34		0.05	0.21
1200	5001	19A	r • C	376	0	0.0 388	v • U				0.14	0.20
						555						

TABLE D-4 (CONTINUED) NUTRIENT ANALYSIS OF SURFACE WATER

				NUTRI	ENT ANALYSIS	OF SURFAC	E WATER			
DATE TIME	SAMP G.H. LAB Q	TEMP TURA	FIELD FIELD		LA8 HC03 C03	NO2 NH3	NUTRIENT NO3 ORG N	CONSTITUENTS IN MILLIGRAMS PER DIS NH3 + FIL. ORG N ORG N A.H. PO4-	F P04 U P04	F TOT P U TOT P
	89 0 812.	3 126.8	REAVER SLO	UGH NE	AR THORNTON			CONTINUED		
8/10/71 1130	5001 5001	26 C	8.0	144		0.0	0.0		0.06	0.16
9/14/71 1255	5001 5001	25 C 60A	7.2	254		0.13	0.05		0.23	0.33
	89 D 815.		MOKELUMNE (NEAR THORNTO					
10/14/70	5001 5000	15 C	7.0	52	23	0.0	0. 0.11	0.11	0.01	0.02
4/29/71 1325	5001 5000	16 C	7.2	63	33	0.0	0.0	0.2	0.0	0.08
7/16/71	5001	22 C	6.8		25		0.0	***		
1250 8/10/71	5001 5001	7A 25 C	7.8	54	0	0.0	0.0		0.02	0.05
1215 9/14/71	5001	11A 18 C	6.8	126		0.01	0.03		0.03	0.11
1325	5001	5A		57	AT TOTAL CIT	0.01		anays	0.00	0.02
10/14/70	89 D 816.	18 C	6.8	SLOUGH	AT TWIN CIT	162 40 8K	0.10	SRUVE		
1435	5000	21A 16 C	7.4	143	0 59	0.0	0.38	0.38	0.06	0.08
1420	5000	16A	7.4	145	0 3 9	0.0	0.25	0.25	0.02	0.13
7/16/71 1345	5001 5001	25 C 19A	7.0	131	62	0.04	0.12		0.06	0.12
8/10/71 1300	5001 5001	25 C	7.5	143		0.04	0.10		0.07	0.14
9/14/71 1400	5001 5001	25 C	7.3	159		0.03	0.05		0.04	0.10
	89 0 819.	1 130.1	SNODGRASS S	5L0UGH	AT SOUTHERN	PACIFIC R	R BRIDGE			
10/14/70 1505	5001 5000	18 C 27A	7.0	176	84 0	0.0	0.10	0.0	0.05	0.11
4/29/71 1505	5001 5000	17 C 15A	8.3	338	112 0	0.0	0.0 0.48	0.48	0.03	0.17
7/16/71 1425	5001 5001	25 C 20A	7.4	189	70	0.05	0.32		0.07	0.10
8/10/71	5001	26 C	7.5		•		0.22			
1335 9/14/71	5001	19A 25 C	7.1	179		0.04	0.03		0.08	0.15
1440	5001 89 D 827.	7A 3 130.0	SACDAMENTO	198	AT FREEPORT	0.03			0.09	0.17
10/07/70	5050	62.1F	7.3	123			0.05		0.08	
1155 10/20/70	5050 5050	10E 60 F	7.3	120			0.13	0.3	0.06	0.12
1245 11/05/70	5050 5050	8E 57.1F	7.3	124 123			0.12	0.5	0.10	0.08
1130	5050	10E		118				0.3		0.14
11/17/70 0810	5050 5050	54.0F 30E	7.2	150 137			0.35	0.3	0.07	0.16
12/09/70 1230	5050 5050	51.1F 80E	7.3	123 113			0.29	0.3	0.02	0.12
12/21/70 0900	5050 5050	46 F 55E	7.5	135 133			0.21	0.2	0.03	0.08
1/06/71 1305	5050 5050	44.0F 35E	7.3	150 138			0.20	0.2	0.05	0.29
2/18/71 1205	5050 5050	51.8F 25E	7.3	143 134			0.18	0.2	0.08	0.09
12//3	67 L 856.3		LAKE TAHOE		OE KEYS PIER	(S-1)		V*2		0.07
8/18/71 0920	5050 5050	20.3C	7.5	97 92		0.0004	0.0000	0.062	0.0011	0.002
	G7 L 856.4	000.6	LAKE TAHOE		AHOE KEYS (L	1)				
11/18/70 1235	5050 5050					0.0001	0.0027 0.028	0.029	0.0014	0.010
5/12/71 1125	5050 5050			88		0.0003 0.005	0.0026	0.015	0.0029	0.009
8/18/71		68.0F	7.7	91		0.0003	0.0000	0.117	0.0008	0.005
11/53	67 L 856.5	003.3	LAKE TAHOE		AYLOP CREEK		0.110	V+111		0.000
11/18/70 1245	5050 5050					0.0000	0.0001	0.016	0.0003	0.001
5/12/71 1140	5050 5050			78		0.0001	0.0019	0.046	0.0036	0.010
							0.040	******		

DATE	SAMP G.H.	TEMP	FIEL0 CO2	LABOR.	ELO ATORY	LAB HC03	NO2	NUTR1ENT NO3	015	NH3 +	LIGRAMS PER	F P04	F 101 P
TIME	LAB 0	TURB	ALK.	PH	EC	C03	NH3	ORG N	ORG N	ORG N	A.H.P04	U P04	U 10T P
	G7 L 856.		LAKE			CAMP RICHARDS							
8/18/71 1055	5050 5050	69.0F		7.3	77 90		0.0000	0.0048 0.090		0.111		0.0007	0.005
			2 LAKE			RF AND SANDS			-10				
8/18/71 0830	5050 5050	20.7C		7.5	97 92		0.0000 0.011	0.0055 0.080		0.091		0.0010	0.011
	67 L 900.	0 000.0	LAKE	TAHOE	- 500	TH CENTER (C-							
11/18/70 1150	5050 5050						0.0000	0.00 0 4 0.016		0.02		0.0001	0.001
5/12/71 1035	5050 5050				91		0.0002 0.005	0.0032 0.010		0.015		0.0023	0.005
8/18/71 0930	5050 5050	68.0F		7.8	94 91		0.0004 0.008	0.0000		0.098		0.001	0.003
	G7 L 900⋅	4 956.9	LAKE	TAHOE	AT ZE	PHYR COVE PIE	R (5-8)						
8/18/71 0740	5050 5050	19.8C		7.5	99 92		0.0000 0.010	0.0018 0.070		0.08		0.0006	0.007
	G7 L 900.⁴	956.9	LAKE	TAHOE	AT ZEF	PHYR COVE (L-	-8)						
11/18/70 1140	5050 5050						0.0000	0.0028 0.038		0.038		0.0001	0.001
5/12/71 1025	5050 5050				93		0.0002	0.006 0.030		0.067		0.0019	0.006
8/18/71 0910	5050 5050	68.0F		7.7	90 92		0.0000	0.0002		0.101		0.0007	0.003
0910	67 L 900.	9-006.8	LAKE	TAHOE		SICON BAY (L-		0.080		0.101			0.003
11/18/70 1305	5050 5050						0.0000	0.0013 0.040		0.042		0.0002	0.002
5/12/71 1215	5050 5050				92		0.0000	0.0022 0.050		0.056		0.0025	0.007
8/18/71	5050	70.0F		7.7	90		0.0003	0.0001				0.0016	
1125	5050 67 L 900.	9 106 B	2 LAKE	TAHOF	92	BICON BAY PIE	0.012 P (A.L. G	0.100	5=2	0.112			0.003
8/18/71	5050	20.00	E ERNE	7.5	91	STOOM DAT TIE	0.0000	0.0087	. 3 2			0.0008	
1020	5050 67 L 902.	3 007.2	LAKF	TAHOE	92 AT MFF	EKS BAY RESOR	0.0010 T PIER (S:	0.020 -121		0.021			0.002
8/25/71	5050	67.0F		7.8	91		0.0000	0.0077		*		0.0021	
0955	5050 G7 L 904.9	5 008.4	LAKF	TAHOE	92 AT CHA	AMBERS LOOGE	0.001 (L-9)	0.080		0.081			0.003
11/18/70	5050						0.0000	0.0020				0.0004	
1320 5/12/71	5050 5050						0.000	0.004 0.0056		0.004		0.0011	0.001
1235	5050		3 LAKE	TAHOE	91	AMBERS LANDIN	0.014	0.030		0.044			0.014
8/18/71		20.30	Z CHILL	7.5	95	MOENS CANDIN	0.0000	0.0046				0.0009	
1145	5050 67 L 905.	3 956.4	LAKE	TAHOF	93 AT GIF	ENBROOK BAY P	0.0020 IFR (5-3)	0.200		0.202			0.004
8/25/71	5050	66.0F	•	7.7	91		0.0000	0.0001				0.0017	
0805	5050 67 L 905.4	956.4	LAKE	TAHOF	92 AT GLE	N8ROOK (L-3)	0.001	0.020		0.021			0.002
11/18/70	5050	. , , , ,	•	.,			0.0000	0.0004				0.0001	
1045 5/12/71	5050 5050						0.016	0.003 0.0036		0.019		0.0033	0.001
1000	5050 67 L 907.8		LAKE	TAUNE	93 AT DIE	R NEAR MOUTH	0.006	0.020		0.026			0.024
8/25/71	5050	19.5C	LAKE	7.5	102	A NEAR MOOTH	0.0001	0.0021				0.0024	
1120	5050 67 L 908.1	7 000.3	LAKE	TAHOE	91 - NORT	H CENTER (C-	0.003 2)	0.060		0.063			0.008
11/18/70 1025							0.0001 0.006	0.0008 0.028		0.034		0.0002	0.001
5/12/71	5050						0.0002	0.0021				0.0021	
0940 8/18/71	5050 5050	67.5F		7.7	92 89		0.006	0.040		0.046		0.0017	0.003
0825	5050				91		0.014	0.060		0.074			0.008
11/19/70	67 L 910.F	007.1	LAKF	I AHOE	NEAR L	AKE FOREST (L-5) 0.0004	0.0013				0.0002	
0915 5/12/71	5050						0.000	0.034		0.034			0.001
0810	5050				86		0.0002	0.0026 0.030		0.038		0.0067	0.009

TABLE D-4 (CONTINUED) NUTRIENT ANALYSIS OF SURFACE WATER

DATE TIME	SAMP LAB	G.H. TEMP Q TURB	FIELD FIELD CO2 LABORATOR ALK. PH EC	C03	NH3	NO3 ORG N	CONSTITUENTS IN MILL DIS NH3 + ORG N OKG N	FIL. F P04 A.H.P04 U P04	F TOT P U TOT P
	G 7	L 910.8 007.1	2 LAKE TAHOE AT	US COAST GUARD	PIER (S-5)			
8/25/71 1255	5050 5050	20.30	7.6 10		0.0002	0.0013 0.160	0.162	0.0023	0.005
	G7	L 914.2 002.2	LAKE TAHOE AT	TAHOE VISTA (L-	-7)				
11/18/70 0945	5050 5050				0.0008	0.0008	0.007	0.0003	0.001
5/12/71 0850	5050 5050		. 92		0.0022	0.0036 0.030	0.052	0.0018	0.008
8/18/71 0725	5050 5050	68.0F	7.7 9		0.0002	0.0024	0.056	0.0013	0.002
	G 7	L 914.2 002.3	LAKE TAHOE AT	KINGS BEACH PIE	ER (HERITA	GE COVE) S	-7		
8/18/71 1240	5050 5050	21.00	7.5 9		0.0001	0.0025 0.030	0.038	0.0012	0.006
	67	L 914.2 956.6	LAKE TAHOE AT	KINGS CASTLE PI	(ER (S-4)				
8/18/71 1320	5050 5050	21.90	7.5 9		0.0000	0.0057 0.030	0.033	0.0012	0.003
	G7	L 914.3 956.8	LAKE TAHOE AT	INCLINE GUARD S	STATION (L-	-4)			
11/18/70 1000	5050 5050				0.0000	0.0003 0.041	0.045	0.0002	0.001
5/12/71 0910	5050 5050		9	1	0.0002	0.0050 0.020	0.027	0.0049	0.010
8/18/71 0755	5050 5050	69.0F	7.7 B		0.0000	0.0005 0.040	0.045	0.0008	0.003
	G7	3020.01	BURTON CREEK I	N STAR HARBOR ((1-8)				
8/25/71 1305	5050 5050	64.0F	7.8	4	0.0002	0.012	0.08	0.045	0.046
	67	3050.01	WARD CREEK NEAR	R MOUTH (T-5)					
8/25/71 1130	5050 5050	59.0F	7.5 6		0.0000	0.0086	0.09	0.024	0.024
		3160.01	MADDEN CREEK NI			*****	0007		0.024
8/25/71 1045	5050 5050	54.0F	7.3 4		0.0000	0.020	0.123	0.011	0.012
		3230.01	THIRD CREEK NE		******	••••	77120		******
8/25/71 0720	5050 5050	8 E	7.3 79		0.0006 0.032	0.014 0.090	0.122	0.039	0.042
	67	3253.01	INCLINE CREEK	T INCLINE VILL	AGE (T-2)				
8/25/71 0745	5050 5050	11.0C	7.3 69 61		0.0005 0.021	0.021 0.050	0.071	0.044	0.050
	67	3300.01	GENERAL CREEK	EAR MEEKS BAY	(1-3)				
11/18/70 1230	5050 5050	/ 2.8C	7.1 59	•	0.0000	0.0027 0.013	0.016	0.010	0.014
5/12/71 1125	5050 5050	37.0F	6.9		0.0000	0.0120 0.010	0.04	0.0017	0.012
8/25/71 1040	5050 5050	12.8C	7•3 65 56		0.0000	0.0034	0.061	0.014	0.025
	G7	3571.01	TAYLOR CREEK NE	AR CAMP RICHAR	DSON (T-4)				
11/18/70 0845	5050 5050	6.10	6.9 28	3	0.0000	0.026 0.010	0.084	0.0061	0.011
5/12/71 0845	5050 5050	44.0F	6.9 20		0.0000	0.0053	0.034	0.0008	0.009
8/25/71 1000		19.7C)	0.0000	0.020	0.136	0.0029	0.004
		3680.00	EDGEWOOD CREEK				***************************************		
8/25/71 0835		9.9C)	0.0003	0.041	0.107	0.037	0.044
		3705.01	UPPER TRUCKEE F						
11/18/70 0945	5050 5050	2.20			0.0001	0.057 0.057	0.063	0.0028	0.010
5/12/71	5050	37.0F			0.0000	0.025		0.0084	
0800 8/25/71		16.3C		3	0.012	0.030	0.042	0.010	0.028
0935	5050 G7	3810.01	70 TROUT CREEK NEA		0.016	0.080	0.096		0.013
8/25/71	5050	12.8C	7.3 53	3	0.0003	0.029		0.019	
0915	5050	12 E 3040.00	INDIAN CHEEK RE		0.037	0.100	0.137		0.025
9/23/71	5050	1.51 60 F	7.8 500	139					
1030	5050	3.1	7.1 495						0.07

TABLE D-5

PESTICIDES IN SURFACE WATER AND SEDIMENT

Pesticides

BHC - Benzene hexachloride

DDE - Dichloro diphenyl ethane

DDT - Dichloro diphenyl trichlorethane

PCB - Polychlorinated biphenol

When two pesticides are reported together with a slash mark separating them (ppDDE/Dieldrin, Simazine/Atrazine, etc.), the reported concentration is an undifferentiated total of the two. Either of the two pesticides could make up the entire total.

Lab and Sampler Agency Codes

5001 - U. S. Bureau of Reclamation

5007 - U. S. Environmental Protection Agency Laboratory at Alameda

5050 - Department of Water Resources

Station Number	Station	Date Time	Pesticides in Water (nanagrams per liter)		Pesticides in Sediment (micrograms per liter of dry weight)	Samp	Lab
A0 2170.00	SACRAMENTO RIVER AT FREMONT WEIR, WEST END	10-06-70 1230	ВНС	2		5050	5050
		11-04-70 1230	Complex chlorinated compounds as DDT	35		5050	5050
		12-02-70 0900	внс	5		5050	5050
		01-05-71 1320	No chlorinated pesticides detected			5050	5050
		02-18-71 0930	Unknown as DDT	5		5050	5050
		03-17-71 1030	Unknown as DDT	5		5050	5050
		04-21-71 1115	Simazine/Atrazine	20		5050	5050
		05-19-71 1115	No chlorinated pesticides detected			5050	5050
		06-16-71 1230	Unknown as DDT	5		5050	5050
		07-21-71 1030	BHC PCB (as Aroclor 1254)	7 130		5050	5050
		08-18-71 1330	Unknown as DDT	3		5050	5050
		09-15-71 0900	Unknown as DDT Complex chlorinated compounds as DDT	15 10		5050	5050
B9 D 747.2 118.4	SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	10-22-70 1140	Aldrin	3		5050	5050
		11-09-70 1430	BHC Lindane	3 2		5050	5050
			No chlorinated pesticides detected	-		5050	505
			Simazine/Atrazine	5		5050	505
			Simazine/Atrazine Unknown as DDT	10 10		5050	505
			Unknown as DDT	10		5050	5050
			Unknown as DDT	30		5050	505
		07-15-71 0830	BHC Dacthal (DCPA)	8 23		5050	505
			Heptachlor Epoxide Unknown as DDT	3 9			
		09-29-71 0930	Unknown as DDT	30		5050	505
B9 D 758.7 122.9	SAN JOAQUIN RIVER AT BUCKLEY COVE	10-12-70 1330	Aldrin BHC	<3 7		5001	500
			DDE DDT	<3 <10			
			Dieldrin Toxaphene	<3 <100			
			Heptachlor Heptachlor Epoxide	3			
		11-16-70	Aldrin	<3		5001	500
		1245	BHC DDE	15 <3			
			DDT Dieldrin	<10 <3			
			Toxaphene Heptachlor	<100 <3			
			Heptachlor Epoxide	3			
		03-22-71 1305	Aldrin BHC	<3 4		5001	500
			DDE DDT	<3 <10			
			Dieldrin Toxaphene Heptachlor	<3 <100 <3			
		04-28-71	Aldrin	<3		5001	500
		1135	BHC DDE	<3 3			
			DDT Dieldrin	<10 <3			
			Toxaphene Heptachlor Heptachlor Epoxide	<100 <3 <3			
			"chracutor phoytag	~			

Station Number	Station	Date Time	Pesticides in Wate (nanograms per liter		Pesticides in Sediment (microgroms per liter of dry weight)	Samp	Lob
B9 D 758.7 122.9	SAN JOAQUIN RIVER AT BUCKLEY COVE (Continued)	05-18-71 1220	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor			5001	5007
		07-15-71 1215	Heptachlor Epoxide	3 3 3 3 410 3 4100 3 4100		5001	5007
		08-09-71 1100		 ♂ √10 √3 √100 √3 √3 √3 		5001	5007
B9 D 801.1 142.6	BIG BREAK NEAR OAKLEY	10-07-70 1305	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Epoxide	3 5 3 <10 3 <100 3 3		5001	5007
		11-23-70 1210	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide			5001	5007
		05-05-71 1425	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	3 3 √10 √100 3 √100		5001	5007
		06-03-71 1450	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide			5001	5007
		07-15-71 1330		3 3 √10 √100 √3 √3		5001	5007
		09-01-71 1620				5001	5007
B9 D 801.2 148.5	SAN JOAQUIN RIVER AT ANTIOCH SHIP CHANNEL	10-07-70 1230	Aldrin BHC DDE DDT Dleldrin Toxaphene Heptachlor Epoxide	<3 7 <3 <10 <3 <100 <3 <3		5001	5007
		11-20-70 1205		<3 <3 <10		5001	5007

Station Number	Station	Date Time	Pesticides in Wa (nanogroms per li		Pesticides in Sediment (micrograms per liter of dry weight)	Samp	Lab
	JOAQUIN RIVER AT ANTIOCH SHIP CHANNEL ontinued)	11-20-70 1205	Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<3 <100 <3 <3		5001	5007
		05-05-71 1340	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<3 <3 <10 <3 <100 <3 <3		5001	5007
		06-03-71 1410	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<3 <3 <10 <3 <100 <3 <3		5001	5007
		07-15-71 1235	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<3 <3 <10 <3 <100 <3 <3		5001	5007
		09-01-71 1540		් ් ් (10 (100 (3) (100		5001	5007
B9 D 802.6 136.8 FRANI	S TRACT NEAR RUSSOS LANDING	10-07-70 1425	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptexchlor Epoxide	<3 3 <3 <10 <3 <100 <3 <3		5001	5007
		05-05-71 1600	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<10 <10 <100 <100 <3 <3		5001	5007
		07-15-71 1505	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<3 <3 <10 <100 <100 <3 <3		5001	5007
		09-01-71 1735	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	3 3 40 3 <100 3 <3 <3 <3		5001	5007
B9 D 803.1 141.3 SAN .	JOAQUIN RIVER AT JERSEY POINT	10-07-70 1350	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Epoxide	<3 <10 <100 <3 <100 <3		5001	5007
		11-23-70 1245	-	<3 <3 <10 <3 <100 <3 <100		5001	5007

TABLE D-5 (Cont.)

Station Number	Station	Date Time	Pesticides in Water (nanograms per liter)	Pesticides in Sediment (micrograms per liter of dry weight)	Samp	Lab
B9 D 803.1 141.3	SAN JOAQUIN RIVER AT JERSEY POINT (Continued)	05-05-71 1510	BHC DDE DDT Dieldrin	ପ ପ ପ ପ ପ 100 ପ ପ ପ	5001	5007
		06-03-71 1510	Aldrin BHC DDE DDT Dieldrin	ସ ସ ସ (10 100 ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ ସ	5001	5007
		07-15-71 1355	Dieldrin	ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ	5001	5007
		09-01-71 1645	BHC DDE DDT Dieldrin	ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ ପ	5001	5007
B9 D 804.4 134.2	OLD RIVER AT MOUTH	11-23-70 1340	BHC DDE DDT Dieldrin	리 리 리 (10 리 리 리 리 리 리 리 리 리 리 리 리 리 리 리 리 리 리 리	5001	5007
B9 D 809.6 141.1	SACRAMENTO RIVER AT RIO VISTA BRIDGE	10-08-70 1410	BHC DDE DDT Dieldrin	3 3 3 <10 <10 0 0 0 0 0 0 0 0 0	5001	5007
		11-23-70 1450	BHC DDE DDT Dieldrin	성 성 성 (10 성 100 성	5001	5007
		05-04-71 1510	BHC DDE DDT Dieldrin	ପ ପ <10 ପ ପ ପ ପ ପ ପ ପ	5001	5007
		06-02-71 1435	BHC DDE DDT Dieldrin	ය ය 21 20 3 100 ය ය ය	5001	5007
		07-14-71 1005	BHC DDE . DDT Dieldrin	ପ ପ <10 ପ ପ 100 ପ ପ		5007
		08-31-71 1 6 25	BHC DDE	⊲ ⊲ ⊲ ⊲10	5001	5007

Station Number	Station	Date Time	Pesticides in Water (nonagrams per liter)		Pesticides in Sediment (micrograms per liter af dry weight)	Somp	Lab
B9 D 809.6 141.1	SACRAMENTO RIVER AT RIO VISTA BRIDGE (Continued)	08-31-71 1625	Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	<100 <3 <3		5001	5007
B9 D 815.3 126.3	MOKELUMNE RIVER NEAR THORNTON	10-14-70 1400	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	3 3 <10 <100 3 <100		5001	5007
		11-17-70 1040	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	3 4 3 <10 3 <100 3		5001	5007
		03-23-71 1235		3 3 3 <10 3 <100 3 3		5001	5007
		04-29-71 1325		3 3 <10 3 <100 3 <100		5001	5007
		05-19-71 1245	Aldrin BHC DDE DDT Dieldrin Toxaphene Heptachlor Heptachlor Epoxide	○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○		5001	5007
		07-16-71 1250				5001	5007
		08-10-71 1215	-	\(\rightarrow\) \(\rightarrow\		5001	5007
B9 D 820.7 132.7	SACRAMENTO RIVER AT GREENE'S LANDING	06-16-71 1235 07-21-71 1150	Unknown as DDT	10 9 8		5050 5050	5050 5050
		08-18-71 1040	Complex chlorinated compounds as DDT Complex chlorinated compounds as DDT	88 85		5050	5050
		09-16-71 1130	Unknown as DDT Complex chlorinated compounds as DDT	8		5050	5050
B9 D 827.3 130.0	SACRAMENTO RIVER AT FREEPORT	1205	Unknown as DDT Simazine/Atrazine	30 35		5050 5050	5050 5050
		0805 04-21-71	Unknown as DDT Unknown as DDT	3		5050	5050
		1335 05-19-71 1105	No chlorinated pesticides detected			5050	5050

AO 2170.00 SACRAMENTO RIVER AT FREMONT WEIR, WEST END (October 1, 1970, through September 30, 1971)

(In Degrees Fahrenheit)

	Oct	aber	Naver	nber	Dece	mber	Janu	ary	Febr	uary	Ма	rch	Ap	ril	М	ay	Jui	ne	Jυ	ly	Aug	ust	Septe	mber
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1 2 3 4 5	NR NR NR NR	NR NR NR NR	55 56 57 57 57	54 55 55 56 56	49 49 49 49	48 49 49 49	49 49 49 48 46	48 48 48 46 44	48 48 48 48 48	47 47 47 48 48	NR NR NR NR	NR NR NR NR	55 54 54 55 56	54 53 53 53 53	60 60 59 58 58	58 58 57 56 56	58 59 59 61 63	57 58 58 58 60	67 68 69 70 70	64 65 66 67 67	71 71 71 70 70	69 69 68 68	66 66 65 67 66	64 64 64 68 64
6 7 8 9	NR 62 61 60 60	NR 60 59 59 59	57 57 57 57 57	56 56 56 56	49 51 52 52 52	49 49 51 52 51	44 45 46 46 47	43 44 45 46 46	48 48 49 50 NR	48 48 48 48 NR	NR NR NR NR	NR NR NR NR	55 55 54 53 53	54 54 52 52 52	58 58 57 58 58	56 57 56 57 56	65 66 65 66	62 64 64 64	70 70 70 70 70	68 67 66 66	70 70 70 71 71	68 68 68 68	67 67 67 67 68	64 65 65 65 66
11 12 13 14 15	60 61 62 62 61	59 60 61 61 60	56 55 55 55 54	55 55 55 54 53	51 50 50 49 50	50 50 49 49	47 47 47 46 46	47 47 46 45 45	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	54 54 54 55 55	52 53 53 53 54	59 60 61 61 62	57 58 60 60	66 65 65 65 66	64 63 63 64	70 70 70 70 70	66 67 67 67	72 72 72 71 71	69 69 69 69	68 69 69 69 68	66 67 68 .68
16 17 18 19 20	61 60 60 60 59	60 59 59 58 58	54 54 53 53 52	53 53 53 52 52	50 49 49 48 47	49 49 48 47 47	46 48 48 49 50	45 46 47 48 49	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	55 55 55 55 54	55 55 54 54 58	60 60 58 58 60	59 58 57 56 58	67 68 67 67	64 65 66 65	71 70 71 71 72	68 68 68 69	70 70 69 69 69	68 67 67 67 66	68 68 67 65 65	67 65 64 63
21 22 23 24 25	59 58 58 56 56	58 58 56 56 55	53 53 53 53 54	52 52 53 53 53	47 47 46 46 47	46 46 45 45 46	50 50 49 48 48	50 49 47 47 47	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	54 54 54 54 55	53 53 54 53 53	59 59 59 62 64	58 58 57 59 62	67 68 68 67 67	65 66 66 65	72 72 72 72 72 71	69 69 69 68	69 69 69 70 70	66 67 67 67	64 64 64 64 63	63 62 62 62 62
26 27 28 29 30 31	56 55 55 54 54 53 54 53 54 54 55 54		54 54 53 51 49	54 53 51 49 48	48 48 48 49 49	47 48 48 48 48 48	48 48 48 48 48 48	48 48 48 48 48	NR NR NR NR	NR NR NR NR	54 53 53 53 53 53	52 52 52 52 52 52 53	55 58 59 60 61	54 54 56 57 58	64 63 60 58 57 58	63 60 58 56 56 57	66 65 64 64 66	64 62 62 62 63	71 71 71 71 71 71	68 69 68 68	69 69 68 68 67 66	67 67 66 66 65 65	62 61 61 60 59	61 60 60 58 57
Max Min Avg	NR NR		57 48 54	3	52 43 49	5	50 43 47		NI NI	3	NI NI	R	61 52 54	:	64 56 59	6	68 57 64	,	72 64 69		72 65 69		6 5 6	7

NR - No record.

AO 5975.00 THERMALITO AFTERBAY RELEASE TO FEATHER RIVER NEAR OROVILLE (October 1, 1970, through September 30, 1971)

									oc cobe.	, .	970, t	iirougii	Dep ce.	moer 5	0, 197	-/								
	Octa	ber	Nove	mber	Dece	mber	Janu	ary	Feb	ruary	Ма	rch	Ap	ril	м	ay	Ju	ne	Jυ	ly	Aug	ust	Septe	mber
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1 2 3 4 5	60 60 61 59	59 58 57 57 58	57 58 57 57 57	55 56 57 57 57	50 50 49 48 49	49 49 48 48 48	47 46 45 43 43	46 45 43 42 42	46 46 46 46 47	45 45 45 45 46	47 47 47 47 49	46 45 46 47 47	49 50 52 53 54	48 49 50 51 52	56 57 55 55 55	55 55 54 54 54	59 60 59 60 61	57 57 56 57 58	69 69 70 72 72	65 66 67 67	76 75 72 72 72	70 70 71 71 71	64 64 64 62 63	63 62 62 60 60
6 7 8 9	60 59 57 56 59	58 57 55 56 55	57 57 57 57 57 58	57 56 56 57 57	50 50 51 51 51	49 50 50 51 51	43 44 44 45 45	42 43 44 44 45	48 48 48 48 49	46 47 47 48 48	49 49 51 50 50	47 47 48 49 49	53 51 51 51 51 52	51 50 49 50 50	55 55 55 59 60	53 54 55 55 56	61 62 61 61 62	58 60 60 59 59	75 71 71 71 71 74	71 69 69 69	73 75 75 74 76	70 69 71 71 72	63 63 62 63 63	61 62 61 60 61
11 12 13 14 15	58 59 60 59 59	57 58 58 58 58	58 58 57 56 56	57 57 55 56 55	51 50 50 49 49	50 50 49 49	46 46 45 44 44	45 45 44 44 44	51 51 52 51 52	49 50 50 50 51	49 50 49 48 47	48 48 48 46 46	53 52 51 54 54	51 51 51 51 53	58 58 61 62 61	56 57 57 58 58	64 61 63 67 67	59 60 60 61 63	75 74 75 73 73	70 71 71 70 69	74 74 73 71 68	73 71 69 67 66	64 63 64 64 64	60 61 62 63 63
16 17 18 19 20	58 58 59 59 58	58 57 57 58 58	56 56 55 55 55	55 55 54 53 53	49 49 48 47 46	48 48 47 46 45	45 46 47 47 47	44 45 46 47 47	52 52 52 52 52 50	50 51 51 51 49	48 49 48 49 49	47 47 46 47 48	54 55 55 53 53	53 52 53 52 52	61 59 60 60	59 58 58 57 59	67 66 65 66 71	63 64 63 64 66	74 71 77 77 76	70 69 70 73 72	70 68 68 67 67	67 65 64 65 65	63 60 60 60 61	60 59 59 59 59
21 22 23 24 25	58 56 55 55 55	56 55 55 54 54	54 54 54 54 54	53 54 53 54 54	46 45 46 47 47	45 45 45 46 46	47 46 46 47 47	46 46 45 46 46	49 49 50 50 50	49 49 48 49 48	50 50 49 49 48	49 48 47 47	52 52 53 53 53	51 51 51 52 52	59 62 62 62 64	58 57 59 61 62	72 70 72 69 69	67 68 68 68	78 76 76 74 75	73 72 72 72 72 71	68 70 70 70 71	65 66 67 67	60 59 60 60	59 58 58 59 59
26 27 28 29 30 31	55 54 54 55 54 55	54 53 53 54 54 54	54 54 52 51 51	54 52 51 51 50	47 46 47 47 47 47	46 46 46 46 47 47	47 47 47 47 47 46	46 47 47 47 46 46	48 48 47	47 47 46	49 49 50 50 50 50	47 47 47 49 49 48	55 57 56 56 57	53 54 55 55 54	64 63 60 57 59 59	62 60 57 56 56 58	69 67 70 68 67	67 65 67 66 65	73 72 70 71 71 73	70 69 69 68 69	70 70 69 67 65 64	67 67 67 65 63 62	60 61 60 60 58	59 59 59 57 57
Max Min Avg	61 53 57	3	5 5 5		5 4 4	5	4:	2	52 45 49	5	51 45 48	i	57 48 52	3	64 53 58	3	72 56 63	5	78 65 71	.	76 62 69		64 57 61	8

AO 5990.00 FEATHER RIVER FISH HATCHERY (October 1, 1970, through September 30, 1971)

(In Degrees Fahrenheit)

		tober	Naven	nber	Dece	mber	Janu	Jary	Febr	uary	Мо	rch	Ap	ril	М	ay	Jui	ne	Ju	ly	Aug	ust	Septe	mber
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1 2 3 4 5	53 53 52 53 54	51 51 52 53 52	54 54 53 53 53	54 53 53 53 52	49 50 50 50 51	48 48 49 50 50	47 47 47 47 47	47 47 47 47 47	46 46 45 45 45	46 45 45 45 45	46 46 45 45 46	45 45 45 45 45	47 47 49 49 49	46 46 47 49 48	51 51 51 51 51	50 50 50 50 50	54 54 54 53 55	53 53 53 52 53	59 59 59 59 59	58 59 58 59 58	61 62 62 62 62	60 59 61 61 61	56 53 54 54 54	52 52 53 53 54
6 7 8 9 10	53 53 54 54 54	52 52 53 53 53	53 54 54 54 54 52	52 54 54 53 52	51 51 51 51 50	51 51 51 50 50	47 46 46 46 46	46 46 46 46 46	46 46 46 46 46	45 46 46 45 45	46 46 46 45 45	45 45 45 45 45	48 48 48 49 47	48 47 47 48 46	51 50 50 50 52	50 50 50 49 49	55 54 54 54 54	53 54 54 53 53	60 60 60 61 60	59 59 59 60 58	63 63 63 63 63	61 62 62 62 58	55 56 56 56 56	54 54 54 54 55
11 12 13 14 15	54 55 53 53 53	53 52 52 52 52	52 53 53 52 52	52 52 52 52 52	50 50 50 50 50	50 50 50 50 49	46 46 45 45 45	46 45 45 45 45	46 46 46 47 47	46 46 46 46 46	45 45 45 45 46	45 44 44 45 45	49 49 49 50 50	47 49 49 49	52 51 51 53 53	51 51 50 51 52	55 55 56 56 57	54 54 54 55 55	61 61 62 62 62	60 59 61 61	58 58 58 58 58	56 56 57 57	56 56 57 57 57	55 55 54 53 51
16 17 18 19 20	53 54 54 54 54 54	52 53 54 53 52	52 52 52 52 52 52	52 51 52 52 52	49 49 49 49 49	48 48 49 49	45 46 46 46 46	45 45 46 46 46	47 46 46 46 46	46 46 46 46 46	46 46 47 47 46	46 46 46 46 46	50 48 51 51 50	48 47 48 50 48	53 54 54 53 53	51 51 53 53 52	57 57 57 56 56	56 56 55 54 56	62 62 62 63 63	60 61 61 61 62	59 59 60 60 61	57 58 58 59	53 55 55 53 53	51 52 53 51 51
21 22 23 24 25	53 55 54 53 53	52 53 53 53 53	52 52 52 51 51	52 52 51 51	49 48 48 48 48	48 48 48 48 48	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	45 46 46 46 46	50 50 50 50 51	48 49 49 50 50	55 55 55 55 54	52 53 54 54 53	58 58 58 58 58	55 57 57 57 57	63 59 59 59 60	59 58 58 58 58	61 61 62 62 62	59 59 59 60 61	54 54 55 55 55	53 54 54 54 54
26 27 28 29 30 31	53 53 55 53 54 53 54 53 54 53 54 53		51 50 50 50	50 50 50 50 50	48 48 48 48 47 47	48 48 48 47 47	46 46 46 46 46 46	46 46 46 46 46 46	46 46 46	46 46 45	46 46 47 47 47 47	45 45 46 47 47	52 50 50 50 50	50 50 50 49 49	53 54 53 54 54 54	52 53 53 53 53 53	58 56 58 59 59	56 55 57 58 58	60 60 61 61 61 61	58 59 59 59 60 60	62 58 56 56 57 57	59 55 55 56 55 56	54 55 54 54 53	54 53 51 52 52
Man Min Avg		55 51 53	54 50 52)	5 4 4	7	4 4 4	5	4: 4: 4:	5	4 4 4	4	5: 4: 4:	6	5 4 5		5 5 5	2	6 5 6	8	6. 5 6	5	5	57 51 54

AO 6120.00 YUBA RIVER AT MARYSVILLE (October 1, 1970, through September 30, 1971)

					_																			
D	Octo	aber	Nove	mber	Dece	mber	Janu	ory	Feb	ruary	Ма	rch	Ap	ril	М	ay	Ju	ine	Jυ	ly	Aug	just	Sept	ember
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
1 2 3 4 5	66 66 65 64 63	61 59 59 59 57	53 53 52 51 52	48 49 48 50 49	49 49 49 49 50	47 48 49 49	NR NR NR NR NR	NR NR NR NR	NR NR 46 47 47	NR NR 42 43	48 49 48 49 50	43 42 45 45 43	NR NR NR NR 55	NR NR NR NR 52	56 55 57 55 57.	51 52 51 52 52	58 59 60 60 61	53 52 52 53 53	63 64 64 64 65	56 56 56 57 56	71 72 71 72 72	62 63 62 63 63	66 65 64 64 63	59 58 57 57 56
6 7 8 9	61 59 59 58 59	56 54 54 53 53	50 52 50 51 52	48 48 49 49	50 49 50 50 49	48 49 49 48 47	NR NR 46 46 NR	NR NR 43 43 NR	47 47 47 47 47	43 43 43 43 44	50 49 51 51 50	43 44 44 45 47	55 54 56 54 55	52 52 49 50 49	58 58 55 61 62	52 53 53 53 53	61 61 62 60 62	53 54 54 54 54	65 65 65 66 65	56 56 56 57 56	72 72 73 73 74	63 63 64 64 65	62 62 61 60 60	55 54 54 53 53
11 12 13 14 15	58 58 57 57 56	52 53 52 52 51	50 51 51 50 50	49 47 46 47 47	49 48 47 48 47	47 46 46 46 46	NR 45 45 45 45	NR 44 43 44 44	48 48 49 48 49	44 44 44 44	51 51 52 47 52	49 48 47 46 46	56 57 55 60 58	49 49 50 52 52	62 61 61 62 62	53 53 54 54 53	62 59 61 62 63	54 54 54 54 55	65 66 66 66	56 56 57 57 57	74 74 74 73 73	66 65 64 65 65	62 61 59 59 58	54 53 52 52 51
16 17 18 19 20	56 56 55 55 55	51 50 51 50 51	51 51 50 50 50	48 47 46 46 46	47 47 47 48 46	46 46 46 45 45	45 47 47 47 48	44 45 46 45 45	48 48 48 48 49	44 45 44 45 43	53 52 54 54 55	46 46 45 46 48	57 56 57 58 54	51 50 49 50 50	60 60 62 62 62	52 52 53 54 54	63 63 63 64 63	55 56 56 56 56	66 64 66 66	57 57 58 58 58	73 74 74 73 73	65 65 65 64	58 58 59 58 58	51 51 51 51 51
21 22 23 24 25	52 55 52 54 55	50 51 51 50 50	49 48 50 49 49	47 47 47 47 48	46 47 47 47 NR	45 44 45 44 NR	48 47 47 47 47	44 44 44 44	48 48 50 50 48	44 44 44 44 43	56 53 53 55 NR	49 50 50 49 NR	57 55 55 55 56	48 48 50 48 48	60 63 64 65 64	52 54 55 55 55	64 64 63 63 62	57 56 56 56 56	67 68 67 NR 67	58 58 58 NR 58	72 71 71 70 70	64 63 63 63 62	59 58 58 58 58	51 51 51 51
26 27 28 29 30 31	54 54 54 54 51 53	49 49 49 48 49	48 48 48 50 49	47 47 47 48 48	NR NR NR NR NR NR	NR NR NR NR NR	47 47 NR NR NR NR	44 44 NR NR NR NR	48 46 48	42 43 43	NR NR 54 55 54 54	NR NR 49 49 50 48	57 58 58 58 58 59	50 50 50 50	62 58 56 57 58 57	55 55 54 54 54 54	59 62 62 63 63	57 56 55 56 56	68 69 70 70 70 71	58 59 60 61 61 62	69 69 66 68 67 67	62 61 60 60 60 59	56 57 57 NR NR	51 50 50 NR NR
Max Min Avg	66 53 48 46		6	N N		N	IR IR IR	N N N		N	TR TR TR	N	R R R	6 5 5			4 2 8		IR IR IR	5	4 9 7	N	IR IR IR	

B9 D 747.2 118.4 SAN JOAQUIN RIVER AT MOSSDALE BRIDGE (October 1, 1970, through September 30, 1971)

(In Degrees Fahrenheit)

	Octo	ober	Noven	nber	Dece	mber	Janu	ary	Febr	uary	Мо	rch	Apr	il	М	ау	Jυ	ne	Ju	ly	Aug	ust	Septe	ember
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Mox	Min	Max	Min
1 2 3 4 5	71 71 71 70 70	69 69 69 69	59 60 60 60 60	58 59 60 60	53 53 53 52 54	52 53 52 51 52	51 50 48 46 45	50 48 46 44 44	48 48 47 49 49	47 47 46 46 46	49 NR 52 52 53	47 NR 50 51	NR 61 62 64 65	NR 59 60 61 64										1
6 7 8 9	69 67 65 65 66	67 65 64 64 65	60 60 61 62 62	59 59 60 61 61	55 55 55 55 54	54 54 54 54 53	45 45 45 46 47	44 44 44 45 46	49 49 50 50 49	48 48 48 49 49	53 54 NR 55 55	52 53 NR 53 54	65 NR NR NR NR	NR NR NR NR										
11 12 13 14 15 16	67 67 67 66 64	65 66 66 64 63	62 62 61 59 58	61 61 59 58 58	53 52 51 50 50	52 51 50 50 49	48 48 49 49 49	47 47 48 48 48	50 50 50 52 53	49 50 49 50 52	56 NR 55 55 55	54 NR 54 54 53	NR NR NR NR	NR NR NR NR										
17 18 19 20	64 64 64 62 63	63 62 62 62	58 58 58 57 57	58 58 57 57 56	50 51 50 50 49	48 50 50 49 48	50 51 52 52 52 52	49 48 51 51 52	53 53 53 53 52	52 52 52 52 50	NR NR 57 58 59	NR NR 55 56 57												
21 22 23 24 25	63 62 63 62 61	62 62 62 61 60	56 57 57 57 57	56 56 56 56 57	49 49 50 50 49	48 49 49 48 48	52 51 50 49 49	51 49 49 48 48	51 51 52 53 53	49 50 50 51 51	60 61 60 61 61	58 59 59 59												
26 27 28 29 30 31	61 60 59 59 59 59	59 58 58 58 58 58	57 56 54 54 54	56 54 54 54 53	49 48 50 50 51 51	48 47 48 49 50 50	49 49 49 49 48 48	48 48 49 48 48 47	51 50 49	50 49 48	59 59 61 NR NR NR	58 58 58 NR NR NR												1
Max Min Avg	7 5 6	8	6: 5: 58	3	5 4 5	7	5: 4: 4:	4	5: 4: 5:	6	N N	R	N N N	R										

NR - No record. Recorder removed April 14, 1971, because of bridge construction.

B9 D 749.5 133.1 OLD RIVER AT CLIFTON COURT FERRY (October 1, 1970, through September 30, 1971)

1 1 2 1 3 4 1 5 1 1 6 1 7 1 8 1 9 1 1	Max NR NR NR NR NR NR NR NR NR NR NR NR NR	Min NR NR NR NR NR NR NR NR NR N	Max NR NR NR NR NR NR NR NR NR	Min NR NR NR NR NR NR NR NR	Max NR NR NR NR NR NR NR NR	Min NR NR NR NR NR NR NR	Max NR NR NR NR NR NR NR	Min NR NR NR NR NR	Max NR NR NR NR NR NR	Min NR NR NR NR NR	Max NR NR NR 49 50	Min NR NR NR 48 48	59 60 60 61 62	Min 56 57 57 58 59	Max 62 62 62 62 62	Min 61 61 60 60	Max 63 64 64	Min 61 62 62	71 71 71 71 72	Min 67 68 68 69	75 75 75 75 76	Min 73 75 74 74	72 72 72 72 73	Min 72 71 71
2 3 4 5 1 6 7 1 8 9	NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR 49 50	NR NR 48	60 60 61	57 57 58	62 62	61 60	64 64	62 62	71 71	68 68	75 75	75 74	72 72	71 71
2 3 4 5 1 6 7 1 8 9	NR NR NR NR NR NR NR NR NR	NR NR NR NR NR NR NR	NIR NIR NIR NIR NIR NIR NIR	NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR 49 50	NR 48	60 61	57 58	62	60	64	62	71	68	75	74	72	71 71
4 1 5 1 6 1 7 1 8 1 9 1 1	NR NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR	NR NR NR	NR NR	49 50	48	61	58										71
5 1 6 1 7 1 8 1 9 1	NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR	NR NR NR	NR NR	NR NR	NR	50				62	60			72	60	76	74	73	71
6 1 7 1 8 1 9 1	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR	NR NR	NR	NR			48	62				64	63						
7 8 9	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR	NR NR NR	NR NR	NR			NR	5.1			23	62	60	66	64	72	71	76	75	73	72
8 1	NR NR NR NR	NR NR NR	NR NR NR	NR NR	NR NR	NR	1	NR	1,710			48	61	60	62	60	68	66	72	71	76	75	73	71
9 1	NR NR NR	NR NR NR	NR NR	NR	NR		NR			NR	52	49	61	58	62	61	69	67	72	71	77	75	72	70
	NR NR	NR NR	NR			NID		NR	NR	NR	53	49	61	58	63	61	69	67	71	70	77	76	72	71
10	NR	NR		NR	NR		NR	NR	NR	NR	52	49	61	59	64	61	67	66	71	70	78	76	72	71
			ATD			NR	NR	NR	NR	NR	52	49	61	59	65	62	68	66	71	69	79	76	73	72
	NR			NR	NR	NR	NR	NR	NR	NR	53	51	61	59	66	63	70	66	71	70	79	77	73	72 73
		NR	NR	NR	NR	NR	NR	NR	NR	NR	54	51	62	59	66	64	69	68	72	70	78	77	74	73
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	54	50	61	60	68	65	69	68	73	71	77	76	75	74
	NR	NR	NR	NR	NR	NR.	NR	NR	NR	NR	54	51	62	60	68	65	69	68	75	70	77	76	75	74 74
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	53	51	63	61	68	65	71	69	74	73	77	75	76	14
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	54	51	62	61	67	66	72	70	74	73	76	74	76	75 74
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	55	51	62	61	67	64	72	71	74	73	76	75	75	74
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	55	51	62	60	66	64	71	70	75	73	76	75	75	73 73
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	56	52 53	62	60	65	64	72 72	70	76	72 73	76	75	74 74	72
20	NR.	NR	NR	NR	NR	NR	NR	NR	NR	NR	56	23	0.1	59	65	64	/ 2	70	77	/3	76	74	14	82
21 1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	57	54	59	59	64	63	73	71	77	73	75	74	72	71
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	58	55	59	58	64	63	72	70	77	74	75	74	72	71
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	59	56	58	58	65	64	71	69	77	74	75	74	72	71
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	59 59	56 56	59 59	58 58	67	65	71	69	75 75	74 73	75 75	75 75	71 70	69 68
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	29	20	39	20	67	65	71	69	/3	/3	/3	/3	70	00
	NR.	NR	NR	NR	NR	NR	NR	NR	NR	NR	59	56	59	58	67	65	71	68	76	74	76	75	68	67
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	59	56	60	58	66	6.5	70	68	75	73	76	75	67	66
	NR	NR	NR.	NR	NR	NR	NR	NR	NR	NR	58	56	60	59	65	64	69	67	74	73	75	74	67	66
	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	59	57	61	59	64	64	69	66	73	72	74	72	66	65
	NR NR NR NR		NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	60 59	57 57	62	60	64 63	63 62	70	67	74 74	72 72	73 72	71 72	66	64
Max	NR NR			NR	N		N		-	NR	N		6:	2	61		7	2	7 7		79		76	5
Min	NR			NR	N		N			NR NR	N		56		6		7: 6		6		71		64	
Avg	NR			NR	N N		N N			NR.	N		6		6		61		7:		75		71	

NR - No record.

B9 D 757.8 121.9 STOCKTON SHIP CHANNEL AT BURNS CUTOFF (October 1, 1970, through September 30, 1971)

(In Degrees Fahrenheit)

T		Octo	ber	Nave	mber	Dece	mber	Janu	ary	Feb	ruary	Ма	rch	Ap	ril	М	ay	Ju	ine	Jυ	ly	Aug	ju S†	Sept	ember
De	ау	Max	Min	Max	Min	Max	Min	Max	-Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Мах	Міл	Max	Min
	1 2 3 4 5	72 72 71 71 70	71 71 70 70 6	61 60 61 60 60	58 58 59 60 59	52 52 52 51 52	52 52 51 50 50	50 50 48 46 46	49 48 46 44 44	48 49 48 49 49	48 47 47 47 47	52 52 52 52 52 53	50 50 50 51 50	62 63 63 64 64	61 60 61 61 62	64 64 64 64 65	63 63 63 63	67 69 70 71 70	65 68 68 67	77 77 77 NR NR	74 74 74 NR NR	81 81 82 81 81	79 79 79 79 79	NR NR 77 77 79	NR NR 75 75 76
	6 7 8 9	70 69 68 68 68	68 68 67 66 67	60 60 59 60	59 59 59 59	54 55 55 56 55	52 53 55 55 54	45 45 45 45 46	44 43 44 44 45	49 50 50 50 50	48 48 48 49	53 53 54 55 55	51 52 52 53 53	63 63 65 65 65	62 62 63 63 63	65 64 64 NR NR	63 63 63 NR NR	71 71 71 70 72	68 68 68 68	NR NR NR 78 77	NR NR NR 75 75	81 81 82 82 83	79 79 79 79 80	78 78 78 78 78	76 75 76 76 76
1 1: 1: 1: 1:	2 3 4	69 68 67 68 68	67 66 66 6 6	60 60 60 60 59	59 59 58 58 58	54 53 52 51 51	53 52 51 51 50	46 47 48 48 48	45 46 46 47 48	50 51 52 52 52 52	49 50 50 50 51	56 NR NR NR NR	54 NR NR NR NR	65 66 65 66 67	63 63 64 64	NR NR NR NR NR	NR NR NR NR	72 72 72 73 74	69 69 70 71	77 78 78 79 79	75 75 76 76 77	82 82 82 82 82	80 80 80 80	78 NR NR NR NR	75 NR NR NR NR
111111111111111111111111111111111111111	7 8 9	68 67 66 66 64	66 65 65 63	59 59 59 58 58	58 58 57 57 57	50 50 50 50 49	49 49 48 48 48	49 50 51 51 52	48 49 50 50 50	52 53 53 53 53	51 52 52 52 52	NR NR NR NR NR	NR NR NR NR	66 66 66 66 65	64 64 64 63	NR NR 70 70 70	NR NR 67 67	75 75 76 77 78	72 73 73 74 75	79 78 79 80 81	77 77 77 78 78	82 82 81 81 81	79 79 79 79 78	79 78 77 77	77 76 75 75 75
2 2: 2: 2: 2: 2:	2 3 4	63 63 63 63	63 62 62 62 62	57 57 57 57 57	56 56 56 56 56	49 49 49 49 48	48 48 48 48 48	52 52 51 51 49	51 50 50 49 50	52 52 52 52 52 52	50 51 50 50 50	60 61 60 61 61	57 58 59 59 60	64 64 64 63 63	62 62 62 61 61	69 69 71 70 71	67 66 67 68 68	78 78 78 78 78	75 76 76 76 75	81 81 81 81 81	79 79 79 78 78	80 80 80 80 80	78 78 78 78 78	77 77 76 75 74	75 74 74 74 73
2: 2: 2: 3: 3: 3	7 8 9 0	62 61 62 60 61 59 61 59 60 59 61 59		57 56 55 54 54	56 55 54 54 52	48 48 49 50 50	48 48 48 49 49	49 49 49 49 49 48	48 49 48 48 48	52 51 52	50 50 50	61 62 62 63 63 62	60 60 61 61 60	63 64 64 64 65	61 62 61 62	70 69 68 68 68 68	68 67 67 67 66 66	76 78 77 77 76	75 74 74 74 74	81 81 81 80 80	78 78 78 78 78 78	NR NR NR NR NR	NR NR NR NR NR	74 73 72 71 70	72 71 70 69 68
4i	ax in vg	72 59 65		5	1 2 8	4	66 8 i1	4	i2 i3 i8	4	3 7 60	1	IR IR IR	6	i7 i0 i3	1	IR IR IR	1 6	18 55 13	1	NR NR NR	1	NR NR NR		NR NR NR

NR - No record.

B9 D 759.8 125.1 SAN JOAQUIN RIVER AT RINDGE PUMP (October 1, 1970, through September 30, 1971)

-	_				_		_		1		.,,,,		Septe	mber a	1	-/	_							
	and the second	ctaber	Nove	mber	Dece	mber	Janu	ary	Feb	ruary	Ma	rch	Ap	ril	м	ay	Ju	ıne	Jυ	ly	Aug	ust	Sept	ember
)	y Mo	× Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Мах	Min	Max	Min
	71	71 70 70	61 61 61 60 60	59 60 60 60 59	54 53 52 51 51	53 52 51 51 51	50 50 48 47 46	50 48 46 45 45	48 48 48 49 48	48 48 47 47 48	49 51 51 51 51	48 48 49 49	61 61 62 63 64	60 60 61 62	64 64 64 64 64	62 62 62 63 62	67 68 68 68 69	64 65 66 66	79 77 76 77 78	76 74 74 75 75	79 80 79 80 80	78 78 78 77 77	75 75 75 75 75	74 74 73 73 74
	70	67 67 67	60 60 60 60	59 58 60 60	51 53 53 53 53 54	51 51 53 53 53	45 45 44 44 45	44 44 44 44	48 48 48 48 49	48 48 48 48	52 51 52 52 52 52	49 50 50 51 51	63 62 62 64 63	62 61 61 62 62	65 64 63 65 66	63 63 63 64	71 72 73 69 72	68 69 68 69	77 78 78 78 78 78	75 75 75 75 75	81 80 80 80 83	77 77 78 78 78	75 74 77 75 75	73 73 73 74 73
	67	67 66 66	60 60 59 59 59	60 59 58 59 58	54 53 52 52 52	53 52 52 51 51	45 46 46 47 47	45 45 46 46 47	50 50 50 51 53	49 50 49 50 51	54 53 54 53 54	52 53 52 52 53	64 64 64 66	61 62 62 63 63	68 68 70 70 70	65 65 67 67	73 75 75 75 75	69 71 71 71 71	77 78 79 80 79	74 75 75 76 76	82 82 81 81 80	79 79 79 79 79	75 76 77 77 77	74 75 75 76 76
	66	65 65 64	59 59 59 58 58	58 58 58 57	51 51 50 49 49	51 50 49 48 48	48 50 50 50 50	47 48 50 50 50	52 53 53 53 53 52	51 51 51 51 50	56 56 56 58 59	53 54 54 56 56	65 64 62 64 63	63 63 61 62 62	68 66 68 68 69	66 65 65 66	77 77 76 77 76	73 74 74 74 74	78 77 78 79 79	77 76 76 76 77	79 80 79 79 78	78 78 77 77	77 76 75 75 75	76 75 74 74 74
	64	63 63 62	58 58 58 58 58	57 57 57 57 57	49 49 49 49 48	49 48 48 48 48	51 51 51 51 51 50	50 50 50 50 50	52 52 52 52 52 52	51 51 51 51 50	59 60 59 60 60	57 58 59 59 60	62 62 62 61 62	61 60 61 60 59	67 67 69 71 71	65 65 66 68 68	79 79 79 79 79	75 76 76 76 76	79 81 80 80 79	77 77 77 77 77	79 79 79 79 79	77 77 77 77	75 74 74 74 73	74 73 73 73 71
	62 61 62 60		57 56 55 55 55	56 55 55 55 54	48 48 48 49 50 50	48 48 48 48 49	50 49 49 49 49 49	49 49 49 49 48	51 50 50	49 49 48	61 62 63 63	59 59 60 60 61	62 62 63 64 64	60 60 61 62 62	70 68 67 67 68 67	68 67 66 66 66 65	77 78 77 78 79	77 76 75 75 76	79 79 80 80 79	77 77 77 78 78 78	78 78 77 77 76 76	77 76 75 74 74 74	72 71 70 70 68	70 68 68 68 67
Н	n /g	72 59 66	1 5	51 54 58	4	i 4 i 8 i 0	4	51 64 68	5 4 5		6 4 5		6 5 6	9	7 6 6	2	7 6 7	4	8 7 7	4	8 7 7	4	7 6 7	7

B9 D 801.1 148.1 SAN JOAQUIN RIVER AT ANTIOCH (October 1, 1970, through September 30, 1971)

(In Degrees Fohrenheit)

	Oc1	tober	Nover	nber	Dece	mber	Janu	ary	Febr	uary	Мо	ırch	Ар	ril	М	ay	Jui	ne	Ju	ly	Augi	ust	Septe	mber
Day	Max	Min	Мах	Min	Max	Min	Max	Min	Mox	Min	Max	Min	Max	Min	Mox	Min	Max	Min	Max	Min	Max	Min	Mox	Min
1	71	69	62	60	55	54	48	47	NR	NR	52	50	NR	NR	NR	NR	65	63	74	71	76	74	NR	NR
2	71 71	69 69	62 62	60 60	55 54	54 52	48 46	45 43	NR NR	NR NR	52 52	50 50	NR NR	NR NR	NR NR	NR NR	66 64	63 63	74 74	72 72	76 76	74 74	NR NR	NR NR
4	69	68	62	60	53	52	45	43	NR	NR	53	50	NR	NR	NR	NR	65	62	74	72	77	73	74	70 71
5	69	66	62	59	53	52	45	43	NR	NR	53	50	NR	NR	NR	NR	66	63	NR	NR	75	73	74	71
6	68	67	62	59	53 53	52 51	45	43	NR	NR	53	50	NR	NR	NR	NR	66	64	NR	NR	75	73	73	72
7 8	67 67	65 65	61 61	59 60	NR	NR.	45 45	42 43	NR NR	NR NR	54 54	51 52	NR NR	NR NR	62 62	60 61	66 67	64 65	NR 72	NR 70	75 76	73 73	73 NR	70 NR
9	67	64	62	60	52	52	45	42	NR	NR	54	52	NR	NR	64	61	66	64	72	70	78	75	NR	NR
10	68	65	62	60	52	52	45	43	NR	NR	54	52	NR	NR	64	61	67	64	71	70	78	75	73	68
11	68	66	62	60	NR	NR	46	43	NR	NR	54	52	NR	NR	65	62	68	65	72	70	78	75	73	71
12 13	67 67	65 65	61 60	59 59	51 51	50 50	47 47	44 46	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	64 65	62 62	68 68	66 65	73 75	71 71	78 77	75 75	73 75	69 72
14	65	64	60	58	50	49	46	46	NR	NR	NR	NR	NR	NR	66	63	69	66	76	73	77	75	74	72
15	64	63	60	58	49	46	47	46	NR	NR	NR	NR	NR	NR	67	63	70	67	75	73	76	74	74	72
16	64	63	60	58	46	44	47	46	NR	NR	NR	NR	NR.	NR	66	63	72	68	74	73	76	74	NR	NR.
17 18	63 63	62 62	60 60	58 58	NR NR	NR NR	48 48	46 46	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	66 68	63 64	72 73	68 70	73 74	72 71	76 76	74 74	76 74	71 72
19	63	61	60	58	NR.	NR	46	44	NR	NR	NR	NR	NR	NR	68	64	72	70	74	72	76	74	NR.	NR.
20	63	62	59	58	NR	67	65	72	70	74	73	75	74	NR	NR									
21	NR	NR	59	57	NR	65	64	72	69	74	72	76	73	NR	NR									
22 23	NR NR	NR NR	58 59	57 57	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	66 66	64 64	70 70	69 69	72 75	72 73	76 77	74 74	NR NR	NR NR
24	NR	NR	59	57	49	46	NR	66	64	71	69	76	73	77	76	NR	NR							
25	NR	NR	58	57	48	46	NR	66	64	71	69	75	73	77	74	70	68							
26	NR	NR	58	56	48	46	NR	66	64	71	69	74	73	77	75	70	67							
27 28	NR	NR ND	57 56	56 55	48 48	46 46	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	66 66	64 64	71 72	69	75	72	77	74	69	67
29	NR NR NR NR		55	54	48	46	NR.	NR	52	50	NR NR	NR.	NR NR	NR NR	66	64	74	69 71	76 75	73 73	77 74	73 72	69 68	66 66
30	61 60 5		55	54	48	46	NR	NR			NR	NR	NR	NR	66	64	74	72	75	74	NR	NR	68	65
31	61 60			49	46	NR	NR			NR	NR			65	62			76	74	NR	NR			
Max Min	NR NB			2		IR.		R	N			VR.	N			VIR.	7			IR.	N			VR.
Avg	NR NR			4 i9		IR IR		IR IR	N N			VIR.		R R		VIR.		2		IR IR	N N	R R		NR NR

NR - No record.

B9 D 814.5 130.8 SACRAMENTO RIVER AT WALNUT GROVE (October 1, 1970, through September 30, 1971)

_										,	,				10, 197									_
	Octo	ber	Nove	mber	Dece	mber	Janu	ary	Febr	uary	Ма	ch	Ap	ril	М	ay	Ju	ine	Ju	ly	Aug	ust	Sept	ember
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Mox	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Mox	Min
1 2 3 4 5	66 66 65 65	65 65 65 65	56 56 56 57 57	55 56 56 56 57	52 51 51 51 50	51 51 51 50 50	48 48 47 46 45	48 47 46 45 44	48 48 48 47 48	48 48 47 47 47	49 48 48 48 49	48 47 48 48 48	54 54 55 56 57	54 54 54 54 55	58 59 58 58 58	58 58 58 58 57	58 59 59 60 61	57 57 58 59 59	66 66 67 68 68	64 65 66 67 67	72 72 72 72 72 72	70 70 70 71 71	68 68 67 66 66	68 67 66 65 65
6 7 8 9	64 63 63 62 62	63 62 61 61	57 58 58 57 57	57 57 57 57 57	51 51 51 52 52	50 51 51 51 52	44 44 44 45 45	43 43 44 44 45	48 48 48 48 48	48 48 48 48 48	50 50 50 51 51	49 49 49 51 51	57 57 56 55 55	56 56 55 55 54	57 57 57 57 58	56 57 57 57 57	62 63 64 64 64	61 62 63 63 62	69 68 68 68 68	68 68 68 68	71 71 71 71 71 72	70 70 70 70 71	66 65 65 66 66	65 65 65 65 66
11 12 13 14 15	62 62 61 61 62	61 61 61 61	57 57 57 56 56	57 57 56 56 55	52 52 52 51 50	52 52 51 50 50	46 46 46 46 46	45 46 46 46 46	49 49 50 50 51	48 49 49 50 50	52 52 52 52 52 51	51 52 52 51 51	55 56 56 56 57	55 55 56 56 56	59 59 60 61 61	58 59 59 60 60	64 64 64 63 64	63 63 63 63	68 68 69 70 70	68 68 69 69	72 72 72 71 71	71 72 71 70 71	66 66 67 68 68	66 66 67 67
16 17 18 19 20	62 62 61 61 60	62 61 61 60 60	55 55 55 55 54	55 55 55 54 54	50 50 50 49 49	50 50 49 49 48	46 47 48 48 48	46 46 47 48 48	51 51 51 51 51	51 51 51 51 50	51 51 51 51 51	50 50 50 51 51	57 57 57 55 55	56 57 55 55 55	61 61 59 59 59	61 59 58 58 59	65 66 67 67 67	64 65 66 66	71 69 70 71 71	69 69 69 71	72 71 70 70 70	70 70 70 70 69	68 68 67 66 65	67 67 66 65 64
21 22 23 24 25	60 60 60 59 58	60 59 59 58 57	54 54 54 54 54	54 54 54 54 54	48 48 48 48 47	48 48 48 47 47	49 49 49 48 48	48 49 48 48 48	50 50 50 50 50	49 49 49 49 50	52 53 53 54 54	51 52 53 53 54	55 55 55 55 55	54 54 54 54 54	59 59 60 61 62	58 59 59 60	66 66 66 66	65 65 65 65	71 72 72 71 70	70 71 71 70 70	69 69 69 71 71	69 69 69 70 70	64 64 64 64 63	64 64 63 63
26 27 28 29 30 31	57 57 57 56 56 56 56 56 56 56 56 56		55 55 54 54 53	55 54 54 53 52	47 47 47 47 48 48	47 47 47 47 47 48	48 48 48 48 48 48	48 48 48 48 48	50 50 49	49 49 48	54 54 53 53 54 54	54 53 53 52 53 54	55 56 57 58 58	54 55 56 57 58	63 62 60 59 58	61 62 61 59 57 56	66 65 64 64 64	65 64 63 63	70 70 70 70 70 70	69 69 69 69 69	71 70 70 69 69	70 70 69 68 68	63 62 62 61 61	62 61 61 61 60
Max Min Avg				58 52 55	4	52 • 7 50	4	.9 .3 .7	5 4 4	7	5 4 5	7	56 56 5	4	6 5 5		6 5 6		7 6 6	4	7: 6: 7	В	6 6 6	0

B9 D 820.7 132.7 SACRAMENTO RIVER AT GREENE'S LANDING (October 1, 1970, through September 30, 1971)

(In Degrees Fahrenheit)

	Oc	taber	Nove	mber	Dece	mber	Jane	Jary	Febr	vary	Мо	rch	Ap	ril	М	ay	Jur	ne	Jul	y	Aug	υst	Septe	mber
Day	Max	Min	Max	Min	Max	Min	Max	Min	Мах	Min	Max	Міл	Max	Min	Мах	Min	Max	Min	Max	Min	Max	Min	Max	Min
1 2 3 4 5																			69 70 70 71 71	66 67 67 68 68	74 74 74 74 74	72 73 73 72 71	69 68 68 67 68	67 67 66 65 65
6 7 8 9																			72 72 71 71 71	69 69 69 69	72 72 72 73 74	70 70 70 70 70	67 67 68 68 68	65 65 66 66
11 12 13 14 15																			71 71 72 73 73	69 69 69 70 70	74 74 73 73 72	71 71 71 70 70	68 68 69 70 69	66 67 67 67
16 17 18 19 20																	69 70 70 70 69	68 67 68 67 67	72 72 72 73 73	70 70 70 70 71	72 72 72 71 71	69 69 69 69 68	69 68 67 67 66	67 67 66 65 64
21 22 23 24 25																	69 69 70 70 69	66 67 67 67 66	74 75 74 74 73	72 72 72 72 72 71	70 70 71 72 72	68 68 69 70	66 66 65 65	64 64 64 63
26 27 28 29 30 31																	68 67 67 67 68	67 66 65 65 65	73 73 73 72 72 73 73	71 71 71 71 71 71	72 71 70 70 69 69	69 69 68 68 67	64 63 63 63 63	63 62 62 61 61
Max Min Avg																	1	IR IR IR	6	75 66 71	7 6 7	7	6	9 1 6

Record began June 16, 1971. NR - No record.

	Octo	ber	Nove	mber	Dece	mber	Janu	ıary	Feb	ruary	Ма	rch	Ap	ril	М	ay	j	ıne	Ju	ıly	Aug	just	Sept	ember
Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
															i I									
ox in							′						1											
vg																								

AO 2170.00 SACRAMENTO RIVER AT FREMONT WEIR, WEST END (October 1, 1970, through September 30, 1971)

(In Micromhos at 25° C)

)ay		October			November			December			January			February			March	
Jay	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	NR	NR	NR	140	138	140	NR	NR	NR	133	122	127	NR	NR	NR	NR	NR	NR
2	NR	NR	NR	148	140	142	NR	NR	NR	151	132	142	NR	NR	NR	NR	NR	NR
3	NR	NR	NR	150	142	150	122	120	121	165	151	156	NR	NR	NR	NR	NR	NR
4	NR	NR	NR.	155	142	149	126	122	124	160	148	154	146	139	143	NR	NR	NR
5	NR	NR	NR	201	142	160	130	123	128	160	152	157	146	139	143	NR	NR	NR
6	NR	NR	NR	199	172	176	126	103	108	163	158	160	144	138	142	NR	NR	NR
7	152	129	144	184	170	173	125	103	113	167	157	162	148	138	143	NR	NR	NR
8	147	129	139	175	154	160	132	124	129	168	158	164	171	143	148	NR	NR	NR
9	139	134	137	155	146	145	139	132	135	165	155	161	154	146	150	NR	NR	NR
10	159	137	140	157	146	153	139	126	131	167	158	162	NR	NR	NR	NR	NR	NR
11	152	137	140	144	131	133	141	126	132	167	158	162	NR	NR	NR.	NR	NR	NR
12	142	137	139	143	124	135	160	140	152	169	160	164	NR	NR	NR	NR	NR	NR
13	181	134	147	152	141	145	184	160	172	168	160	163	NR	NR	NR	NR	NR	NR
14	182	145	158	166	152	162	199	184	194	161	146	154	NR	NR	NR	NR	NR	NR
15	162	136	144	171	166	169	200	155	177	162	149	154	NR	NR	NR	NR	NR	NR
16	159	138	143	NR	NR	NR	167	158	162	170	156	160	NR	NR	NR	NR	NR	NR
17	160	138	142	NR	NR	NR	170	160	166	168	154	162	NR	NR	NR	NR	NR	NR
18	152	138	143	NR	NR	NR	167	152	158	148	121	128	NR	NR	NR	NR	NR	NR
19	148	142	145	NR	NR	NR	161	143	152	138	126	131	NR	NR	NR	NR	NR	NR
20	175	137	152	NR	NR	NR	158	142	150	155	140	148	NR	NR	NR	NR	NR	NR
21	176	148	160	NR	NR	NR	158	156	157	NR	NR	NR	NR	NR	NR	NR	NR	NR
22	166	148	161	NR	NR	NR	159	154	156	NR	NR	NR	NR	NR	NR	NR	NR	NR
23	177	163	169	NR	NR	NR.	154	129	137	NR	NR	NR	NR	NR	NR	NR	NR	NR
24	200	159	170	NR	NR	NR	148	128	139	NR	NR	NR	NR	NR	NR	NR	NR	NR
25	192	151	159	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
26	158	151	155	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	159	131	145
27	157	149	153	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	135	114	122
28	154	150	152	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	114	101	107
29	173	149	158	NR	NR	NR	NR	NR	NR	NR	NR	NR				113	100	105
30	169	143	150	NR	NR	NR	NR	NR	NR	NR	NR	NR				131	113	120
31	150	138	146				142	124	135	NR	NR	NR				136	130	132

		April			May			June			July			August			Septembe	,
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	148	132	138	178	154	165	151	146	150	164	143	148	149	138	143	179	176	177
2	150	145	148	180	113	173	150	143	148	153	140	146	149	142	146	179	172	176
3	152	146	150	176	167	173	146	140	141	149	138	145	153	140	144	176	172	174
4	160	150	154	192	172	178	140	137	140	150	145	147	140	130	137	179	174	177
5	153	145	146	181	170	175	140	138	140	154	140	146	146	133	140	183	170	179
6 7 8 9	148 142 138 136 138	142 133 133 128 127	146 137 135 132 132	175 165 157 155 147	161 156 152 145 142	167 160 154 151 144	143 143 143 148 147	140 136 137 140 138	140 148 148 144 140	149 142 141 140 144	139 131 129 128 129	145 137 135 135 133	146 154 155 151 154	133 146 138 145 140	142 142 148 148 145	188 195 198 205 208	181 184 186 188 189	184 189 191 195 196
11	139	134	136	150	136	142	140	138	133	141	132	136	168	138	147	207	191	197
12	140	134	137	142	139	140	133	123	130	153	134	141	158	138	145	198	188	194
13	137	130	135	142	137	140	133	128	131	153	138	144	160	134	143	197	189	193
14	132	129	128	140	132	136	136	128	131	144	135	140	150	132	141	194	190	192
15	133	128	131	136	130	133	140	128	132	144	132	138	157	140	146	194	182	187
16	131	128	130	132	128	130	140	128	132	149	131	141	156	145	151	187	178	183
17	136	129	133	130	126	128	132	130	130	144	133	137	165	143	152	189	177	181
18	143	129	133	133	127	130	133	128	130	143	131	136	171	148	158	185	174	179
19	139	132	135	133	127	130	130	122	127	146	132	141	168	149	157	176	167	172
20	138	120	135	137	133	134	135	127	131	149	134	140	172	150	159	173	160	168
21	144	131	137	143	133	140	133	130	131	149	138	143	169	151	159	170	157	165
22	141	136	138	152	142	146	134	125	138	149	133	142	165	153	161	164	152	157
23	147	134	140	150	145	147	141	129	132	153	132	142	172	161	167	164	151	158
24	154	143	148	157	150	154	139	128	132	143	132	136	180	160	168	161	146	153
25	148	135	143	161	155	158	148	138	131	151	133	144	180	160	165	163	146	151
26 27 28 29 30 31	158 157 168 178 181	142 141 140 140 145	150 150 150 155 163	162 159 160 161 157 153	154 153 154 155 146 146	158 157 158 158 150 147	148 153 156 148 148	134 140 146 141 141	139 145 150 143 144	153 156 150 145 153 154	143 134 132 133 134 137	148 144 140 140 142 145	190 180 174 178 177 182	160 170 170 169 167 175	172 174 174 175 174 178	162 150 156 153 152	148 144 139 142 145	154 146 147 148 148

AO 2420.00 SACRAMENTO RIVER AT COLUSA (October 1, 1970, through September 30, 1971)

(In Micromhas at 25° C)

Day		October			November			Decembe	ır		January			February			March	
Day	Max	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3			128 128 128			127 128 128			108 115 116			142 146 147			142 141 139			NR NR NR
5			129 130			129 128			116 98			150 150			138 136			NR NR
6 7 8 9			130 130 130 131			127 126 125 123			113 124 126 115			148 146 146 146			137 142 144 147			NR NR NR NR
10 11 12			131 131 131 129			126 108 120 136			114 124 136 143			147 150 141 137			145 143 NR NR			152 155 157 142
13 14 15			128 118			138 138			148 152			141 144			NR NR			115 130
16 17 18 19 20			118 121 123 123 123			138 136 129 128 128			151 144 132 138 142			135 100 106 126 132			NR NR NR NR			150 158 152 148 151
21 22 23 24 25			123 122 122 123 123			130 131 131 132 133			132 114 126 138 142			136 140 142 142 143			NR NR NR NR			153 156 155 150 135
26 27 28 29 30 31			126 127 126 124 125 127			132 127 131 94 91			143 144 145 143 120 128			144 144 143 145 144 143			NR NR NR			118 100 105 119 130 141

ay		April			Мау			June			July			August			Septembe	r
"	Mox	Min	Avg	Мах	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1			146			138			127			125			142			160
2			150			137			125			126			144			160
3			150			136			125			127			147			159
41			147			134			127			127			153			157
5			143	ļ		132			128			126			168			157
6			138			130			128			126			193			157
-			134			128			128			125			211			157
8			133			128			128			126			225	ļ		157
9			135			128			128			128			237	1		157
10			138			128			127			128			243			157
11			136			127			127			128			242			156
12			133			126			128			128			237			155
13			131			125			126			128			237			157
14			131			124			125			NR			237			158
15			131			123			125			NR			232	ŀ		159
16 17 18			131			122			124			128			222			160
!/.			134			123			125			128			211			160
18			135	1		123			125			131			200			160
			134	1		123	1		125			132			195			159
20			134	ŀ		123	1		126			134			197			158
21			134			124			128			130			187			155
?2			134			125	ŀ		126			134			182			154
!3 !4 !5			136			126			126			135			178			154
141			137			128	1		126			135			172			155
3			138			127			127			135			169			155
6			139			127			128			135			167			154
7			139	l		127			127			137			167			153
8			139			125			124			138			165			151
9			139			125			123			138			164			151
0			140	ì		125			125			138			162	ŀ		152
11						127						140			160			

AO 2947.10 COLUSA BASIN DRAIN NEAR KNIGHTS LANDING (October 1, 1970, through September 30, 1971)

(In Micromhos at 25°C)

Day		October			Navember			December			January			February			March	
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1			NR			640			_		-,							
2			NR			640												
3			NR			640												
5			NR			640				1								
3			NR			640												
6			NR			640												
7			NR			660				-								
8 9			NR			655												- 1
10			NR NR			635 635			N	ļ		N			N			N
'''			NK	ĺ		633			N			N			N			
11			NR			635			О			0			0			0
12			NR	İ		490												
13			NR NR			550 550												
14 15			620	1		555			R			R			R			R
- 1																l		
16			620			580			E	1		E			E	1		E
17			655 660	l		630 650			С	1		С			С			С
18			660			505			·			·			•			•
19 20			660			540			0	l		0			0			0
- 1																		
21			660	1		605			R	İ		R			R			R
22			680			700			D]		D			D			D
23			720 720			760 775			U			U			D D			D
24 25			685			490				1								
- 1				[
26 27			660			740												
2/			660			600												
28 29			640 640	İ		435 785												
30			640			570				İ								
31			640			3,0												

Day		April			May			June			July			August			Septembe	r
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2			NR			615			NR			700			690			
3			NR			650			NR NR			660 660			690 690			
4			NR NR			600 555			550			660			690			
5			NR			485			555			665			690			
6			NR			450			555			665			690			
7			NR			450			560			665			690			
8			NR			450			580			665			690			
9			NR			460			600			675			NR			
10			NR			460			610			680			NR			N
11			NR			460			620			680			NR			0
12			NR			460			630			695			NR			
13			NR			465			640			700			NR			
14			NR			470			660			700			NR			
15			NR			470			695			705			NR			R
16			NR			470			730			705			NR			E
17			NR			470			780			705			NR			С
18 19			NR			490			800 830			705 705			NR NR			
20			NR NR			495 520			840			705			NR			0
			1414			320												- 101
21			NR			560			840			705			NR			R
22 23			NR			580			840			700			NR			D
24			385			580			840			690			NR NR			υ
25			535 555			580 580			840 840			690 690			NR			
			333			300												
26			615			630			850			690			NR			
27			660			645			860			690			NR			
28			720			650			840			690			NR			
29			740 720			635 580			785 740			690 690			NR NR			
30			720			NR.			740			690			NR			
31						NA						0,70			244			

AO 5911.01 SUTTER BYPASS NORTH OF ROBBINS (October 1, 1970, through September 30, 1971)

(In Micramhos at 25 °C)

Day		October			Navember			December			January			February			March	
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5 6 7																		
8 9 10																		
11 12 13 14 15																		
16 17 18 19 20						•												* 153
21 22 23 24 25																		170 182 194 199 201
26 27 28 29 30 31																		195 178 118 113 117 121

Day		April			May			June			July			August			Septembe	r
Juy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1			121			380			265			520			NR			400
2			121			380			255			530			NR			400
3			127	1		330			255			565			NR			400 400
5			137 162			285 280			245 245			·580 580			NR NR			410
			102			200			243			300			M			410
6			170			270			245			580			NR.	1		420
7			166			260			250			575	İ		NR			405
8 9			162			250			250			575	1		NR			405
10			170			240			250			570 500			NR NR			420 415
10			NR	1		240			255			300			NK			413
11			NR	1		240			255			490			435	ŀ		*
12			NR			240			255			495			440			
13			NR	1		250			255			NR			460			
14			NR			255			NR			NR			460 440			
13			NR	1		260			NR			NR			440	İ		
16			NR			260			NR			NR			440			
17			NR			255			NR			NR			430			
18			NR			255			NR			NR			440			
19			NR			250			460			NR			460			
20			NR			250			465			NR			490			
21			NR			250			465			NR			495	l		
22 23			NR			255			480			NR			490	l		
23			NR.			260			475			NR			450	l		
24 25			225	l		260			475			NR			440			
23			260			260			540			NR			425			
26			290	1		250			520			NR			430			
27			310			255			520			NR			415			
28			325	l		260			520			NR			415			
29			345	1		265			520			NR			410			
30			375			265 NR			525			NR NR			405 405			
31						NR.	l					ME			403			

AO 6120.00 YUBA RIVER AT MARYSVILLE (October 1, 1970, through September 30, 1971)

(In Micromhas at 25°C)

Day		October			Navember			December			January			February			March	
Duy	Max	Min	Avg	Мах	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	81 86 82 82 81	81 81 81 80	81 81 81 80	75 73 75 74 72	73 71 73 71 71	74 72 73 72 72	NR NR NR NR 69	NR NR NR NR 68	NR NR NR NR 68	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	80 80 80 80	77 79 78 80 80	78 79 79 80 80
6 7 8 9 10	80 78 77 76 75	78 77 75 75 74	78 77 76 75 74	75 76 72 71 NR	72 72 71 71 NR	73 74 71 71 NR	68 68 70 70 70	68 67 68 68 69	68 68 68 69 70	NR NR 84 94 104	NR NR 82 84 94	NR NR 82 88 102	NR NR NR 76 76	NR NR NR 76 76	NR NR NR 76 76	80 80 81 82 88	80 79 79 81 82	80 80 80 80 86
11 12 13 14 15	74 74 74 74 74	74 73 73 73 73	74 74 74 74 73	NR NR NR NR	NR NR NR NR	NR NR NR NR	70 68 68 70 72	68 65 67 68 70	69 67 68 69 71	106 85 81 79 79	85 79 79 79 78	95 82 80 79 78	76 76 75 75 76	76 75 75 75 75	76 75 75 75 76	95 92 88 78 79	88 82 72 75 78	92 86 85 76 78
16 17 18 19 20	74 74 74 74 75	73 73 73 73 73	73 73 73 73 74	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	79 76 76 76 75	72 74 74 75 75	76 75 75 75 75	80 80 80 79 79	78 80 79 79 75	79 80 79 79 76	76 76 76 76 76	75 75 75 75 74	76 75 75 75 74	80 80 80 81 85	78 79 80 79 81	79 79 80 79 83
21 22 23 24 25	75 75 75 75 76	73 74 73 74 74	74 74 74 75 75	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	81 79 77 77 NR	75 77 77 77 NR	78 77 77 77 NR	75 74 NR NR NR	73 72 NR NR NR	74 73 NR NR NR	75 76 77 77 78	74 74 75 76 76	74 75 76 76 77	85 86 86 86 NR	84 83 82 76 NR	85 85 84 80 NR
26 27 28 29 30 31	76 76 76 76 78 75	73 74 73 73 73 73	75 75 75 75 75 75	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	78 79 78	77 77 77	77 77 77	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR

Day		April			May			June			July			August			Septembe	r
Duy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	77 77 77 77 77	76 77 77 76 76	76 77 77 76 76	69 68 69 69 68	68 68 67 68 68	69 68 68 69 68	57 57 58 58 59	53 55 55 56 58	55 56 57 57 58	66 66 67 66 67	65 65 65 65	65 65 65 65	69 70 71 72 73	69 69 70 71 72	69 70 71 71 72
6 7 8 9	75 74 67 66 69	73 67 62 63 66	74 73 63 65 68	76 76 76 76 76	76 76 75 75 74	76 76 76 76 75	68 68 68 68	68 68 67 67	68 68 68 67	59 59 60 60	58 59 59 59	59 59 59 59	67 68 68 68 68	65 65 66 66	65 66 66 66	74 74 74 75 76	73 73 74 74 75	73 74 74 74 75
11 12 13 14 15	69 71 77 80 79	67 69 70 77 72	68 70 74 79 74	74 74 73 73 73	73 73 73 71 71	74 73 73 72 72	68 66 65 65 63	66 65 65 63	67 66 65 64 62	61 61 61 61	59 59 59 60	60 60 60 60	69 69 70 70 69	67 67 68 69 68	67 68 69 69	77 77 77 74 74	76 76 74 74 74	77 76 75 74 74
16 17 18 19 20	73 76 76 74 74	72 72 74 74 74	72 74 74 74 74	72 72 72 73 73	71 71 71 70 72	71 71 72 72 72	61 59 56 55 54	59 56 53 52 53	59 57 55 54 53	61 61 62 62 62	60 60 60 61	60 60 61 61	70 69 70 70 70	68 69 69 69	69 69 69 69	75 76 76 76 76	74 74 76 76 75	74 75 76 76 76
21 22 23 24 25	74 75 75 75 75	74 74 75 75 74	74 74 75 75 75	74 75 75 75 75	71 74 74 74 73	73 74 75 74 74	53 53 54 54 54	52 52 53 52 53	53 53 53 53 54	62 62 63 NR NR	61 60 61 NR NR	61 61 NR NR	70 69 69 69 69	69 69 69 68 68	70 69 69 69	76 76 76 76 76	75 75 75 75 75	75 76 76 76 76
26 27 28 29 30 31	76 76 76 76 76	75 75 75 76 76	75 76 76 76 76	74 73 71 70 70 69	72 70 69 70 69 69	73 72 70 70 69 69	56 56 55 52 55	54 53 50 50 52	55 54 52 51 53	64 64 65 66 65 66	62 62 63 64 65 64	62 63 63 64 65 65	69 69 70 69 69	69 68 68 68 68	69 69 69 68 69	76 76 76 76 76 NR	75 75 75 75 75 NR	76 76 76 76 NR

AO 6550.00 BEAR RIVER NEAR WHEATLAND (October 1, 1970, through September 30, 1971)

(In Micromhos at 25°C)

Day		October			November			Decembe	r		January			February			March	
Duy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	177 177 163 162 152	170 156 149 149 149	174 177 156 156 151	141 135 132 131 132	135 131 131 127 131	138 133 131 131 131	119 112 114 90 86	102 88 77 84 84	96 102 106 87 85	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	81 81 80 80 80	80 79 79 80 80	81 80 79 80 80	85 87 88 88 88	85 85 86 86 85	85 87 87 88 86
6 7 8 9 10	159 166 170 171 172	152 159 166 170 171	156 162 166 171 171	136 138 133 133 136	128 133 131 131 133	131 135 132 133 135	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR 81 81 82	NR NR 80 81	NR NR 81 81	80 81 81 81 81	80 80 81 81	80 81 81 81	85 84 87 85 83	84 84 83 82 83	84 84 85 84 83
11 12 13 14 15	175 175 175 175 172 170	172 174 172 170 162	174 175 174 171 166	137 133 131 130 128	133 131 129 128 125	135 132 130 129 127	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	83 78 77 77 78	78 77 77 77 77	81 77 77 77 78	82 82 81 81 81	81 81 81 81	81 81 81 81	83 82 81 79 79	82 79 79 78 79	83 81 80 79 79
16 17 18 19 20	163 163 163 164 163	158 158 157 154 155	161 161 160 159 159	127 125 124 122 119	123 122 121 118 116	125 124 123 120 117	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	79 79 79 79 80	78 79 78 78 79	78 79 79 79 79	81 80 80 79 80	80 80 79 79 79	80 80 79 79 79	79 79 77 78 78	79 75 74 78 78	79 79 76 78 78
21 22 23 24 25	171 174 179 176 176	159 169 173 171 172	164 172 175 173 174	116 113 · 111 109 108	112 110 107 106 106	114 112 109 107 107	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	79 80 79 79 79	79 79 79 79 79	79 80 79 79 79	80 80 80 80 81	80 80 79 80 80	80 80 80 80	78 78 77 76 77	78 77 76 76 76	78 78 76 76 76
26 27 28 29 30 31	177 180 129 152 185 195	175 111 111 129 152 140	176 160 120 140 170	109 110 113 112 114	107 108 104 87 107	108 109 108 107 116	NR NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR	81 81 81 81 81	79 80 80 80 80 80	80 81 80 81 81	81 83 85	81 81 83	81 82 83	78 74 76 75 74 73	74 74 74 73 71 72	75 74 75 74 72 72

зу		April			May			June			July			August			Septembe	r
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Мох	Min	Avg
1 2 3 4 5	72 72 72 72 72 72	71 71 72 71 72	71 71 72 72 72	75 75 75 75 75 72	75 75 75 71 71	75 75 75 73 72	73 73 74 74 73	72 71 73 73 72	72 72 73 73 73	118 115 114 121 114	109 92 94 109 82	104 102 104 114 95	141 154 155 150 150	116 135 133 140 142	130 141 146 147 147	136 126 126 126 126	75 93 116 118 116	96 110 119 122 121
6 7 8 9 0	72 72 72 72 72 72	71 71 72 72 71	72 71 72 72 71	74 74 73 72 73	72 73 71 71 72	73 74 72 71 72	73 73 74 80 81	73 72 72 74 79	73 72 73 78 80	101 101 82 97 127	80 81 78 86 97	91 91 80 92 112	147 147 136 147 157	137 137 131 124 147	144 141 134 134 153	116 116 126 126 131	108 108 116 121 123	112 112 122 124 127
12345	72 72 73 73 72	71 71 71 72 71	71 72 72 72 72	73 73 75 75 75	72 73 73 75 74	72 73 74 75 75	81 84 81 76 80	78 81 76 74 75	80 82 79 75 78	127 126 140 140 140	93 93 125 130 134	109 109 134 135 138	148 170 168 178 183	145 155 153 154 142	147 160 158 165 162	139 141 131 123 NR	129 129 122 118 NR	134 135 127 120 NR
100000	73 72 71 71 72	72 71 71 71 71	72 72 71 71 71	75 74 75 73 73	74 73 72 72 73	75 73 73 73 73	79 84 83 107 105	76 77 78 80 82	78 80 80 95 94	143 143 144 142 149	134 134 136 136 136	137 137 141 139 139	163 159 154 152 155	134 134 144 143 143	151 144 149 147 150	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR
	71 72 73 73 73	71 71 72 72 73	71 72 73 73 73	75 75 74 74 75	74 73 73 73 73	75 74 74 74 74	96 97 125 97 95	81 96 95 85 86	89 96 103 87 91	147 148 149 148 147	138 140 143 131 133	141 144 146 139 140	144 129 128 125 130	139 123 117 117 122	141 126 123 121 125	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR
	73 75 105 101 75	73 73 75 75 75	73 74 87 81 75	75 74 73 74 74 74	73 72 73 73 73 73	74 73 73 74 74 73	115 82 88 119 134	82 77 76 88 119	98 80 80 104 127	144 137 151 151 156 149	129 129 136 139 149	136 134 144 145 153 134	130 132 133 132 138 140	125 128 129 124 128 136	128 130 131 128 133 138	NR NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR

AO 7140.10 AMERICAN RIVER AT SACRAMENTO WATER PLANT AT SACRAMENTO (October 1, 1970, through September 30, 1971)

(In Micromhos at 25° C)

اره		October			November			December			January			February			March	
oy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1				NR	NR	NR	NR	NR	NR	61	60	61	66	63	65	66	63	64
2				NR	NR	NR	NR	NR	NR	62	60	61	65	64	65	66	62	64
3				NR	NR	NR	NR	NR	NR	62	58	60	66	65	65	66	63	6
4				NR	NR	NR	NR	NR	NR	60	58	59	66	64	65	67	63	6
5				NR	NR	NR	NR	NR	NR	62	60	61	66	64	65	66	63	6
5				NR	NR	NR	NR	NR	NR	62	61	62	66	64	65	66	62	6
7				NR	NR	NR	NR	NR	NR	68	62	64	66	64	65	67	62	(
8				NR	NR	NR	NR	NR	NR	63	62	63	66	64	65	67	62	
9				NR	NR	NR	NR	NR	NR	64	62	63	66	64	65	66	63	
0		N		NR	NR	NR	NR	NR	NR	65	63	64	66	64	65	68	64 .	-
ı		0		NR	NR	NR	NR	NR	NR	68	65	66	66	64	65	69	64	
2				NR	NR	NR	NR	NR	NR	69	68	68	65	63	64	68	63	
3				NR	NR	NR	NR	NR	NR	70	69	70	65	63	64	69	64	
4				58	54	56	NR	NR	NR	70	68	69	65	63	64	69	64	
5		R		59	54	57	NR	NR	NR	69	66	67	6.5	63	64	70	65	
6		E		NR	NR	NR	NR	NR	NR	66	63	64	66	62	64	70	65	
7				NR	NR	NR	NR	NR	NR	64	62	63	66	63	65	70	65	
вI		С		NR	NR	NR	NR	NR	NR	62	60	61	66	63	65	70	65	
9				NR	NR	NR	NR	NR	NR	64	62	63	66	64	66	70	65	
ó		0		NR	NR	NR	NR	NR	NR	65	64	64	66	64	65	70	64	
1		R		NR	NR	NR	NR	NR	NR	66	65	65	66	63	65	70	64	
2				NR	NR	NR	NR	NR	NR	66	63	64	66	62	64	70	64	
3		D		NR	NR	NR	NR	NR	NR	63	62	62	65	63	64	70	66	
4				NR	NR	NR	61	60	60	63	62	62	66	63	65	70	64	
5				NR	NR	NR	61	60	60	62	62	62	66	63	65	69	64	
6				NR	NR	NR	61	60	60	64	62	63	66	62	65	70	66	
7				NR	NR	NR	62	60	61	64	62	63	65	62	64	70	65	
8				NR	NR	NR	62	61	62	65	63	64	66	62	64	71	66	
9				NR	NR	NR	63	61	62	66	64	65				72	68	
0				NR.	NR	NR	62	62	62	66	64	65				72	68	
1				NR			62	60	61	66	64	65				70	62	

Day		April			Мау			June			July			August			Septembe	
l ouy	Max	Min	Avg	Мах	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	63	60	62	61	59	60	58	54	56	52	50	51	55	51	53	47	45	46
2	62	61	62	61	59	60	57	55	56	52	49	51	58	52	56	47	45	46
3	62	61	62	61	60	61	57	55	56	52	49	51	58	52	56	48	44	46
5	62	60	61	62	59	60	58	55	57	51	48	50	57	52	55	50 50	46	48
	62	61	62	61	59	60	57	54	56	51	49	50	57	48	53	30	46	48
6	62	61	62	61	60	60	57	54	56	51	48	50	50	46	48	49	46	48
7	62	60	61	61	59	60	58	54	56	51	48	50	48	46	47	50	46	48
8	61	60	61	61	58	60	58	54	56	51	49	50	48	45	47	50	46	48
9	62	60	61	60	58	60	56	54	55	52	50	51	47	44	46	49	47	48
10	62	60	61	61	59	60	57	54	56	52	49	51	46	44	45	50	46	48
11	62	60	61	62	59	60	58	54	56	51	49	50	47	45	46	49	45	47
12	61	60	60	60	59	60	58	56	57	51	49	51	47	45	46	NR	NR	NR.
13	62	60	61	61	59	60	58	55	57	51	49	50	48	45	47	NR	NR	NR
14	62	60	61	61	59	60	58	55	57	50	49	50	48	45	47	NR	NR.	NR
15	62	60	61	60	58	59	58	55	57	50	49	50	48	45	47	NR	NR	NR
16	62	60	61	60	57	59	57	55	56	50	48	49	48	45	46	NR	NR	NR
17	62	60	61	60	57	59	57	54	56	50	48	49	47	44	46	NR.	NR	NR
18	62	60	61	60	58	59	57	54	56	50	48	49	47	44	46	NR	NR	NR
19	62	60	61	60	58	59	56	53	55	50	48	49	47	45	46	NR	NR	NR
20	63	60	62	60	58	59	55	53	54	50	48	49	47	45	46	NR	NR	NR
21	62	60	61	59	57	58	55	52	54	50	48	49	48	45	47	NR	NR	NR
22	62	60	61	60	57	59	54	52	53	50	48	49	48	46	47	NR	NR	NR
23	62	60	61	60	57	59	54	51	53	50	48	49	56	47	50	NR	NR	NR.
24	61	60	61	60	57	59	53	51	52	50	48	49	59	47	52	NR	NR	NR
25	61	59	60	60	57	58	53	51	52	50	48	49	49	46	47	NR	NR	NR
26	62	60	61	59	56	58	53	50	52	50	48	49	48	45	46	NR	NR	NR
27	62	60	61	58	56	57	53	50	52	50	48	49	47	45	46	NR	NR	NR
28	62	60	61	58	56	57	53	51	52	51	49	50	47	44	45	NR	NR	NR
29	62	59	60	58	56	57	53	50	52	52	49	51	47	44	46	NR	MR	NR
30	61	59	60	58	55	57	53	50	52	53	50	51	47	44	46	NR	NR	NR
31	1			58	55	57				54	50	52	47	44	46			

A8 1120.00 CACHE CREEK NEAR CAPAY (October 1, 1970, through September 30, 1971)

(In Micromhas at 25° C)

Day		October			Navember			December			January			February			March	
Day	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	375 380 380 385 400	365 375 375 380 385	370 380 375 385 395				NR NR NR NR	NR NR NR NR NR	NR NR NR NR	295 340 325 310 310	270 295 310 310 310	275 320 315 310 310	370 380 490 540 560	370 300 300 500 540	370 350 395 520 550	680 710 710 700 700	680 680 700 700 700	680 700 705 700 700
6 7 8 9 10	400 405 445 480 500	400 395 405 445 480	400 400 425 460 490		N		NR NR NR 400 400	NR NR NR 400 395	NR NR NR 400 400	320 475 500 520 540	310 320 475 500 515	315 390 490 510 525	580 590 600 600 620	560 580 590 600 600	570 585 595 600 610	700 705 720 720 720	700 700 705 720 710	700 705 715 720 715
11 12 13 14 15	510 535 565 575 575	500 510 535 565 575	505 525 550 570 575		O R		430 455 470 490 500	400 430 455 470 490	413 445 463 480 495	550 550 480 470 375	540 480 440 360 290	545 415 460 415 340	625 625 625 640 640	610 625 625 605 625	620 625 625 625 635	720 825 675 360 400	710 675 230 275 360	715 720 355 320 380
16 17 18 19 20	585 600 NR NR NR	575 580 NR NR NR	580 590 NR NR NR		E C O		560 410 435 460 500	410 380 390 430 400	480 390 415 445 445	300 210 230 250 265	200 175 210 230 250	255 190 220 240 260	635 660 650 650 660	635 635 650 650 650	635 650 650 650 655	430 440 450 460 475	400 430 440 450 460	420 435 445 455 470
21 22 23 24 25	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	•	R D		455 440 475 475 300	395 400 440 300 280	410 420 460 385 295	275 280 280 280 280	265 275 280 280 280	270 280 280 280 280	670 670 675 675 670	660 670 660 670 670	665 670 670 675 670	490 510 520 520 505	475 490 500 505 500	485 500 510 515 500
26 27 28 29 30 31	NR NR NR NR NR	NR NR NR NR NR NR	NR NR NR NR NR NR				305 315 325 325 270 280	300 305 315 260 260 270	305 310 320 305 265 275	285 285 285 285 370 370	280 285 285 285 285 370	285 285 285 285 360 370	675 675 680	670 675 660	675 675 670	550 255 265 275 275 275	215 215 250 265 275 275	445 225 260 270 275 275

		April			Мау			June			July	A		August			September	r
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	275 275 275 400 470	275 275 275 280 400	275 275 275 325 445	380 380 385 420 435	380 380 380 385 420	380 380 380 405 430	*385 385 385 380 365	375 385 380 365 355	380 385 385 375 360	355 345 315 310 310	345 315 310 310 310	350 330 310 310 310	285 275 280 275 275	270 265 270 270 265	275 270 275 275 275 270	305 310 NR NR NR	300 305 NR NR NR	305 310 NR NR NR
6 7 8 9	475 490 505 515 510	470 470 490 505 505	475 480 500 510	440 440 440 430 435	435 440 430 420 420	440 440 435 430 430	355 350 350 340 335	355 350 340 335 330	355 350 345 340 330	310 310 300 295 295	310 285 290 285 285	310 300 295 290 290	275 275 275 275 285 290	265 265 270 275 280	270 270 275 280 285	NR NR NR NR 300	NR NR NR NR 300	NR NR NR NR 300
11 12 13 14 15	505 505 510 535 540	505 505 505 505 530	505 505 505 515 535	450 465 455 450 420	435 450 445 420 380	445 455 450 435 400	330 330 330 330 325	325 325 325 330 320	325 330 330 330 325	295 305 315 315 305	290 295 300 300 295	295 300 310 310 300	290 295 295 300 300	285 290 295 295 295	290 295 295 295 300	320 320 315 325 NR	300 305 305 310 NR	310 310 310 320 NR
16 17 18 19 20	545 500 480 480 475	500 480 480 475 475	535 490 480 480 475	380 380 380 380 370	380 380 375 380 355	380 380 380 380 360	325 325 320 305 305	325 320 310 305 305	325 320 315 305 305	300 285 285 275 275	290 280 275 270 265	295 280 280 275 270	300 300 295 295 295	295 290 290 290 290	300 295 295 290 295	NR NR NR NR NR	NR NR NR NR	NR NR NR NR
21 22 23 24 25	475 475 475 470 440	475 475 470 440 405	475 475 475 455 425	355 350 350 350 340	350 345 340 345 335	355 345 345 345 340	305 310 300 305 310	305 300 300 300 300	305 305 300 300 310	265 265 270 270 270	265 235 265 265 270	265 250 270 270 270	300 290 295 285 280	290 290 280 280 285	295 290 285 285 290	NR NR NR NR	NR NR NR NR	NR NR NR NR
26 27 28 29 30 31	405 400 400 380 380	400 400 380 370 375	400 400 390 375 380	345 345 350 360 375 385	335 335 340 345 350 370	340 340 345 355 370 380	310 335 345 345 355	305 305 335 345 345	310 320 340 345 350	270 270 265 275 285 285	265 265 265 265 265 275	270 270 265 270 275 280	290 290 290 300 300 300	290 280 285 290 300 300	290 285 285 300 300 300	NR NR NR 350 355	NR NR 350 350	NR NR NR 350 350

BO 2105.00 MOKELUMNE RIVER AT WOODBRIDGE (October 1, 1970, through September 30, 1971)

(In Micromhas at 25° C)

Day		October			November			December			January			February			March	
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5				NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	48 48 48 48 47	48 48 48 47 44	48 48 48 48 46	33 33 33 NR NR	33 33 33 NR NR	33 33 33 NR NR	42 42 42 42 42	42 42 42 42 42	42 42 42 42 42	44 NR 46 45 45	44 NR 45 45	44 NR 45 45
6 7 8 9 10		N		NR NR NR NR NR	NR NR NR NR	NR NR NR NR	44 44 44 43 43	44 44 43 43 42	44 44 44 43 42	NR NR NR NR NR	NR NR NR NR	NR NR NR NR	42 42 42 42 42	42 42 42 42 42	42 42 42 42 42	46 46 48 48 48	45 46 46 48 48	46 46 47 48 48
11 12 13 14 15		O R		NR NR 48 47 53	NR NR 46 45 45	NR NR 46 46 47	42 40 NR NR NR	40 28 NR NR NR	41 36 NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	42 41 41 41 41	41 41 41 41 41	42 41 41 41 41	48 48 48 48 47	48 48 48 47 47	48 48 48 48 47
16 17 18 19 20		E C O		56 55 56 51 48	50 49 49 48 45	53 50 52 50 47	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR 45 45	NR NR NR 45 45	NR NR NR 45 45	41 41 43 43 43	41 41 41 43 43	41 41 42 43 43	47 47 47 47 47	47 47 47 47 46	47 47 47 47 46
21 22 23 24 25		R D		48 48 48 48 48	45 48 48 48 46	47 48 48 48 47	NR NR NR NR	NR NR NR NR	NR NR NR NR	45 45 45 44 44	45 45 44 44	45 45 45 44 44	44 44 44 44 43	43 44 44 43 43	43 44 44 43 43	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46
26 27 28 29 30 31				46 46 48 48 48	46 46 46 48 48	46 46 48 48 48	NR NR NR NR 41 41	NR NR NR NR 30	NR NR NR NR 35	44 44 43 43 43 43	44 43 43 43 43 42	44 44 43 43 43 43	43 43 44	43 43 43	43 43 44	46 45 45 45 45 45	45 45 45 45 45 45	45 45 45 45 45 45

Day		April			May			June			July			August			Septembe	г
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	45 45 45 45 46	45 45 45 45 45	45 45 45 45 46	45 45 45 45 45	45 45 45 45 45	45 45 45 45 45	47 46 46 46 46	46 46 46 46 46	47 46 46 46 46	45 45 45 45 46	45 45 45 45 45	45 45 45 45 45	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47
6 7 8 9 10	46 46 46 46 47	46 46 46 46 46	46 46 46 46 47	45 45 46 46 46	45 45 45 46 46	45 45 46 46 46	46 46 47 51 50	46 46 46 47 50	46 46 47 50	46 46 47 47 47	46 46 46 47 46	46 46 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47	47 47 47 47 47
11 12 13 14 15	47 47 47 47 47	47 47 47 47 47	47 47 47 47	46 47 47 47 47	46 46 47 47	46 47 47 47	50 50 48 49 49	50 48 48 48 49	50 49 48 48 49	46 46 47 48 48	46 46 46 47 48	46 46 47 48 48	47 47 47 46 46	47 47 46 46 46	47 47 47 46 46	47 47 47 46 46	47 47 46 46 46	47 47 47 46 46
16 17 18 19 20	47 47 47 47 46	47 47 47 46 46	47 47 47 47 46	48 48 48 48 48	47 48 48 48	48 48 48 48	49 50 50 49 49	49 49 49 49	49 50 50 49	48 48 48 48 48	48 48 48 48	48 48 48 48	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	46 46 46 46	46 46 46 46
21 22 23 24 25	46 46 46 46 46	46 46 46 46	46 46 46 46 46	48 48 48 48 48	48 48 48 48	48 48 48 48	49 49 NR NR NR	49 49 NR NR NR	49 49 NR NR NR	48 48 48 48 48	48 48 48 48	48 48 48 48	46 46 46 46 46	46 46 46 46 46	46 46 46 46 46	46 45 45 45 45	45 45 45 45 45	45 45 45 45 45
26 27 28 29 30 31	46 45 45 45 45	45 45 45 45 45	46 45 45 45 45	47 47 47 47 47 47	47 47 47 47 47 47	47 47 47 47 47 47	NR NR NR 45 45	NR NR NR 45 45	NR NR NR 45 45	48 48 48 48 47 47	48 48 48 47 47	48 48 48 47 47	46 46 46 47 47 47	46 46 46 46 47 47	46 46 46 47 47 47	45 45 45 45 46	45 45 45 45 45	45 45 45 45 46

BO 2580.00 STOCKTON DIVERTING CANAL AT STOCKTON (October 1, 1970, through September 30, 1971)

(In Micromhos at 25 ° C)

Day		October			November			Decembe	,		January			February			March	
Day	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Мах	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2	230 780	220 220	225 350	NF NF	NF NF	NF NF	155 140	135 130	140 135	NR NR	NR NR	NR NR	190 190	190 180	190 185	512 510	490 290	505 400
3	780	210	350	NF	NF	NF	145 165	140 145	140 155	NR	NR	NR	190	180	185	370	212	260
5	220 250	200 220	210 230	NF 430	NF 310	NF 370	165	145	160	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	216 217	208 204	213 210
6	265	250	260	NF	NF 260	NF	155 160	155 155	155 160	NR	NR	NR	NR	NR	NR	210	200	205
8	265 235	235 210	250 220	285 290	280	275 285	165	150	160	NR NR	NR NR	NR NR	NR NR	NR NR	NR NR	NF NF	NF NF	NF NF
9	215	210	215	300	290	295	185	160	172	NR	NR	NR	NR	NR	NR	NF	NF	NF
10	NF	NF	NF	310	300	305	165	160	165	NR	NR	NR	NR	NR	NR	NF	NF	NF
11	NF NF	NF NF	NF NF	310 NF	310 YF	310 NF	170 175	165 170	170 175	NR NR	NR NR	NR NR	204 205	200 204	202	NF NF	NF NF	NF NF
12	NF	NF	NF NF	NF	NF	NF NF	180	170	175	NR NR	NR NR	NR NR	206	204	205	770	720	745
14	NF	NF	NF	NF	NF	NF	175	175	175	NR	NR	NR	210	205	208	720	205	330
15	NF	NF	NF	NF	NF	NF	180	175	180	NR	NR	NR	210	210	210	300	260	280
16	NF	NF	NF	NF	NF	NF	230	145	200	NR	NR	NR	210	208	209	260	217	239
17	NF NF	NF NF	NF NF	NF NF	NF NF	NF NF	210 185	165 170	180 180	NR NR	NR NR	NR NR	810 1000	210 207	300 250	217 338	198 195	206 210
18	NF	NF	NF	NF	NF	NF	190	185	185	NR	NR	NR	1000	211	330	196	187	192
20	NF	NF	NF	NF	NF	NF	185	185	185	185	180	185	213	210	211	197	190	194
21	NF	NF	NF	NF	NF	NF	185	175	180	185	185	185	212	210	211	200	190	195
22	NF NF	NF NF	NF NF	NF- NF	NF NF	NF NF	185 190	180 185	180 190	190 185	185 185	185 185	213	210 210	212 212	204 NF	190 NF	197 NF
23	NF	NF	NF	NF	NF	NF	190	190	190	185	185	185	215	210	213	NF	NF	NF
25	NF	NF	NF	NF	NF	NF	190	190	190	190	185	190	217	211	214	NF	NF	NF
26	NF	NF	NF	380	310	345	NR	NR	NR	190	185	190	850	212	550	275	199	238
27 28	NF NF	NF NF	NF NF	315 NF	310 NF	315 NF	NR NR	NR NR	NR NR	190 190	190 190	190 190	1100 560	292 430	550 495	228 213	203 203	215 208
29	NF	NF	NF	605	105	350	NR	NR	NR	220	185	200	500	50		230	213	222
30	NF	NF	NF	130	110	125	NR	NR	NR	190	190	190				238	230	234
31	NF	NF	NF				NR	NR	NR	190	180	185				240	238	239

Day		April			May			June			July			August			Septembe	r
Juy	Max '	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Мах	Min	Avg	Mox	Min	Avg	Max	Min	Avg
1	460	240	255	266	210	213	200	195	198	NF	NF	NF	195	192	195	210	203	208
4	460	232	270	1100	210	400	201	197	199	210	190	200	198	190	194	210	206	209
3	242	240	240	300	199	218	203	197	200	207	191	200	203	184	200	206	200	203
4	242	239	240	406	197	230	298	200	220	213	205	209	214	196	203	203	200	202
3	NF	NF	NF	208	191	200	NF	NF	NF	213	200	207	210	188	198	345	203	270
6	NF	NF	NF	208	192	200	NF	NF	NF	208	195	202	190	184	186	210	195	200
7	NF	NF	NF	680	190	300	NF	NF	NF	NF	NF	NF	195	184	188	270	195	225
8	NF	NF	NF	575	213	320	NF	NF	NF	NF	NF	NF	210	188	193	230	192	205
.91	435	270	315	213	187	202	NF	NF	NF	NF	NF	NF	NF	NF	NF	210	190	195
10	610	264	310	210	192	200	NF	NF	NF	NF	NF	NF	NF	NF	NF	220	195	205
11	263	250	255	220	196	208	NF	NF	NF	NF	NF	NF	204	190	196	225	192	205
12	NF	NF	NF	308	202	235	NF	NF	NF	NF	NF	NF	213	204	207	223	211	215
13	NF	NF	NF	213	203	208	NF	NF	NF	NF	NF	NF	NF	NF	NF	215	2 04	210
14	NF	NF	NF	505	205	320	NF	NF	NF	NF	NF	NF	NF	NF	NF	222	212	215
15	NF	NF	NF	427	203	260	660	210	370	NF	NF	NF	239	195	211	238	211	225
16	NF	NF	NF	218	198	208	880	222	300	NF	NF	NF	200	195	198	232	215	222
17	NF	NF	NF	218	204	210	222	211	217	NF	NF	NF	200	200	200	225	215	220
18	NF	NF	NF	210	202	206	218	200	210	NF	NF	NF	201	197	199	248	208	228
19	NF	NF	NF	222	208	215	220	200	211	198	194	196	200	191	197	209	203	206
20	NF	NF	NF	684	222	320	238	200	221	198	187	193	197	191	195	210	205	208
21	NF	NF	NF	240	220	230	224	203	211	NF	NF	NF	200	195	197	215	208	211
22	NF	NF	NF	675	224	355	210	199	205	NF	NF	NF	370	200	225	210	204	207
23	NF	NF	NF	310	220	265	226	196	211	NF	NF	NF	203	199	201	204	200	201
24	NF	NF	NF	232	205	219	222	207	217	NF	NF	NF	201	200	200	201	198	200
25	NF	NF	NF	230	206	218	230	208	218	NF	NF	NF	207	200	203	204	200	202
26	NR	NR	NR	230	215	222	230	212	222	NF	NF	NF	205	199	202	209	203	206
27	NR	NR	NR	223	211	217	222	192	207	198	185	192	209	205	207	204	201	203
28	235	212	225	1000	212	330	205	199	202	200	190	194	210	205	207	210	201	204
29	222	201	215	220	208	212	219	203	208	220	185	200	214	207	210	298	292	295
30	1050	212	450	225	203	210	NF	NF	NF	220	190	200	210	206	208	685	195	350
31				490	200	217				196	190	193	210	207	209			

NF - No flow NR - No record

B1 1150.00 COSUMNES RIVER AT MICHIGAN BAR (October 1, 1970, through September 30, 1971)

(In Micromhas at 25 a C)

Dav		October			Navember			Decembe			January			February			March	
Duy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5				NR NR NR NR	NR NR NR NR	NR NR NR NR	116 107 112 115 98	100 89 92 81 83	105 94 102 91 90	80 84 NR NR NR	78 76 NR NR NR	79 80 NR NR NR	83 80 79 79 81	81 79 78 78 78	82 80 79 79 80	80 80 82 NR NR	79 79 80 NR NR	80 80 80 NR NR
6 7 8 9		N O		NR NR NR NR	NR NR NR NR	NR NR NR NR	108 113 120 118 92	98 109 113 85 88	103 110 116 100 90	NR NR NR NR	NR NR NR NR	NR NR NR NR NR	82 83 84 84 85	80 82 82 82 83	81 82 83 83 84	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR
11 12 13 14 15		R E		80 80 80 78 80	78 78 78 77 76	78 79 79 78 78	98 103 105 105 107	92 98 103 105 105	95 100 104 105 106	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	84 81 76 69 66	81 75 69 66 64	83 79 72 67 65	84 126 126 86 88	82 84 86 86	83 94 94 86 87
16 17 18 19 20		C O R		79 78 78 78 80	76 76 77 76 78	77 77 78 77 79	125 105 115 117 121	72 100 105 115 117	110 103 110 116 119	120 120 105 93 88	117 105 93 88 83	119 113 98 91 86	65 66 66 82 76	64 65 65 66 74	64 66 66 76 75	86 84 81 78 76	84 81 78 76 73	86 83 79 77 74
21 22 23 24 25		С		80 80 80 81 130	78 79 80 79 78	79 79 80 80 105	122 115 122 124 126	108 108 115 122 124	115 112 118 123 125	83 83 85 87 88	82 82 83 85 86	82 82 84 86 87	74 75 76 77 78	73 74 74 76 76	74 74 76 76 77	73 70 73 74 100	70 68 68 66 64	72 70 70 70 76
26 27 28 29 30 31				136 113 124 121 117	103 103 76 101 100	121 107 102 112 112	132 132 123 NR NR NR 82	126 114 110 NR NR 76	129 126 113 NR NR 77	90 91 90 89 88 88	88 89 89 88 86	89 90 90 88 87 85	78 78 80	76 76 78	77 77 78	102 58 58 62 60 58	56 56 58 58 58 58	76 57 58 60 59 58

Day		April			May	·		June			July			August			September	
Duy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	60 60 60 60 58	58 60 59 58 57	59 60 60 59 58	59 58 56 55 56	57 56 55 54 54	58 57 55 54 55	56 56 56 56 55	54 56 55 54 53	55 56 56 55 54	55 56 56 58 58	54 54 54 56	54 55 55 57 57	74 74 76 76 74	70 72 72 72 72	72 73 74 74 73	84 84 82 81	78 78 78 79 80	82 82 81 80 81
6 7 8 9	58 62 61 60 64	56 56 60 60	57 60 60 60 62	56 56 56 57 56	54 54 54 56 53	55 55 55 56 55	53 52 50 47 47	52 50 47 47 47	53 51 49 47	58 58 58 58 60	56 56 57 57 58	57 57 57 58 59	75 75 76 78 78	74 73 74 74 75	74 74 75 76	82 82 82 82 83	80 79 80 80	81 81 81 82
11 12 13 14 15	64 60 59 58 57	60 59 57 57 56	61 60 58 57	54 50 47 46 46	50 47 46 45 43	52 48 46 46 44	47 48 48 48 50	47 47 48 48 48	47 48 48 48 49	61 61 62 62 63	58 59 60 60	59 60 60 61 62	78 78 78 78 78	76 75 75 76 76	77 77 77 77 77	83 83 83 84 84	80 80 80 80	82 82 82 83 83
16 17 18 19 20	56 56 57 58 58	54 56 56 57 58	55 56 56 57 58	45 45 46 46 46	44 45 45 45 46	45 45 46 46 46	49 48 49 50	48 48 48 49 50	48 48 49 49	63 64 65 64 65	62 62 63 63	62 63 64 64	77 78 78 78 78	75 75 76 76 76	76 77 77 77 78	84 84 85 86	81 82 82 82 83	83 83 84 84 85
21 22 23 24 25	59 60 61 61 61	58 59 60 60	59 / 60 60 61 61	46 47 49 50 48	46 45 47 48 47	46 46 48 49 48	51 51 52 52 54	50 51 51 52 52	50 51 52 52 53	66 66 66 68 68	64 64 65 66	65 65 66 67	80 80 80 81 82	78 77 78 78 79	79 79 79 80 81	86 87 87 87 88	83 83 83 85 84	85 85 85 86 87
26 27 28 29 30 31	62 62 63 63 62	61 61 62 62 61	62 62 63 62 62	47 47 59 50 51 53	46 45 47 48 49 50	47 46 48 50 50 52	55 54 52 51 54	54 52 50 49 51	54 53 51 50 52	69 70 72 72 73 72	68 68 70 70 70	68 69 70 71 72 71	82 82 82 83 83 83	78 79 78 78 78 79	80 80 81 81	88 88 88 88 88	84 84 84 86 84	86 86 86 87 86

B9 D 747.2 118.4 SAN JOAQUIN RIVER AT MOSSDALE BRIDGE (October 1, 1970, through September 30, 1971)

(In Micromhos at 25°C)

Day				Navember			December			January			February			March		
Day	Max	Min	Avg	Мах	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1	800	740	770	1,030	1,000	1,015	470	430	450	385	365	375	505	460	480	635	565	610
2	780	750	765	1,050	1,010	1,030	510	470	495	385	370	375	485	450	460	655	605	630
3	770	710	740	1,070	1,050	1,060	560	530	545	370	350	365	465	385	420	615	595	605
4	735	705	720	970	930	950	540	520	530	350	335	345	450	365	430	685	605	655
5	725	695	710	970	940	955	610	530	570	350	150	270	455	405	430	715	640	690
6	745	705	725	960	890	925	610	430	520	230	170	195	465	405	440	640	620	630
7	710	710	710	930	890	910	430	320	375	250	180	210	440	405	430	NR	NR	NR
8	730	700	715	910	850	880	380	330	355	270	210	235	430	385	420	NR	NR	NR
9	740	710	725	870	820	850	455	275	395	300	245	270	435	410	425	595	555	575
10	755	725	740	880	860	870	435	325	385	325	280	310	415	375	405	620	570	585
11	755	695	725	880	850	865	565	430	510	340	310	330	460	395	435	675	620	640
12	750	740	745	900	860	880	605	520	545	390	335	360	455	335	410	NR	NR	NR
13	740	720	730	920	890	905	520	475	497	410	370	400	360	285	330	685	640	665
14	730	690	710	910	890	900	500	445	485	410	320	380	375	335	350	640	565	600
15	715	695	705	910	900	905	445	355	400	335	295	320	465	370	430	595	505	550
16	715	675	695	910	860	885	395	365	370	305	260	285	505	465	495	NR	NR	NR
17	675	625	650	875	860	865	415	390	405	290	250	270	480	410	440	NR	NR	NR
18	650	630	640	890	875	885	425	355	395	330	275	310	450	370	420	540	505	520
19	760	650	705	900	860	880	370	350	360	360	325	345	430	395	415	580	530	550
20	805	755	770	860	850	855	375	325	355	405	360	380	440	405	415	625	580	595
21	845	805	825	860	850	855	345	325	330	465	405	440	435	395	415	685	620	645
22	865	805	835	855	845	850	355	330	345	465	440	460	410	365	390	710	685	690
23	965	865	920	840	760	800	340	320	330	475	440	465	415	390	395	695	660	675
24	985	955	970	760	720	740	345	325	335	480	420	460	445	405	430	705	670	690
25	995	965	980	720	690	705	350	330	340	460	405	445	515	445	490	705	640	680
26 27 28 29 30 31	985 995 945 975 995 1,015	965 935 925 945 975 995	975 965 935 960 985 1,005	710 730 730 710 590	690 690 700 580 440	700 700 715 655 515	340 340 355 360 365 375	330 330 330 335 330 340	335 335 345 350 345 360	455 470 490 510 540 540	420 450 460 490 510 505	440 460 480 495 525 525	515 555 565	500 505 540	510 525 550	690 635 610 NR NR NR	630 580 575 NR NR NR	660 610 595 NR NR NR

Day	April May No.		May			June			July			August			September	r		
	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	NR 720 745 755 745	NR 640 715 710 675	NR 695 735 735 710															
6 7 8 9 10	790 NR NR NR NR	745 NR NR NR NR	775 NR NR NR NR															
11 12 13 14 15 16 17 18 19	NR NR NR	NR NR NR	NR NR NR															
19 20 21 22 23 24 25																		
26 27 28 29 30 31		1																

 $\ensuremath{\mathsf{NR}}$ - No record. Recorder removed April 14, 1971, because of bridge construction.

B9 D 757.8 121.9 STOCKTON SHIP CHANNEL AT BURNS CUTOFF (October 1, 1970, through September 30, 1971)

(In Micromhos at 25° C)

Day	1 1 1				Navember			December			January			February			March	
Duy	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4	685 690 690	670 665 670	675 675 680	945 965 970	905 915 940	935 940 960	640 505 430 425	415 235 295	475 415 370	390 400 385 380	260 290 370 255	375 375 375 265	595 605 595 550	570 555 510 480	586 590 550 540	560 575 600 630	535 545 560 570	555 565 590
5	700 710	680 675	690 690	1,005	975 970	990 995	425	340 295	370 385	365	360	340	530	475	510	650	585	600 625
6 7 8 9 10	705 715 710 705 710	690 695 690 655 670	700 705 700 695 690	1,025 1,040 985 955 970	940 965 935 930 920	1,000 995 970 940 955	525 585 590 535 465	365 490 515 445 430	475 530 545 500 445	355 355 390 430 445	295 280 325 305 395	335 335 355 385 425	515 530 535 530 520	455 500 515 500 500	505 515 525 515 515	655 675 705 705 715	600 635 650 670 660	645 660 680 690 695
11 12 13 14 15	715 744 755 770 775	695 705 720 745 745	705 720 735 755 755	980 960 920 915 925	945 905 895 900 900	965 935 910 905 910	480 510 570 630 636	385 455 492 465 555	460 485 525 570 615	465 485 475 480 505	435 450 460 420 395	455 465 470 465 480	520 515 530 510 460	495 475 485 460 400	510 495 500 480 425	720 NR NR NR NR	670 NR NR NR NR	690 NR NR NR NR
16 17 18 19 20	765 745 745 725 710	740 735 720 715 685	750 740 740 720 700	925 940 940 925 940	910 915 910 915 920	920 925 925 920 930	624 585 490 475 450	540 490 335 270 375	600 540 480 445 420	465 405 395 410 415	315 300 275 255 245	405 360 380 375 395	430 470 490 490 470	410 430 470 445 435	420 450 480 475 455	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR
21 22 23 24 25	690 690 750 785 825	660 660 670 705 755	670 675 710 750 790	955 965 980 980 1,010	930 940 935 955 970	945 950 955 965 990	435 405 405 400 405	354 330 330 300 335	390 385 385 375 380	415 465 475 480 495	325 360 430 435 305	390 420 455 470 470	465 450 465 465 445	435 435 435 435 425	450 445 450 450 435	570 565 570 580 605	540 535 540 555 575	555 550 560 570 590
26 27 28 29 30 31	880 925 925 920 930 945	795 845 890 860 885 900	735 895 900 900 910 930	1,010 975 990 985 925	954 960 960 930 475	970 970 975 965 745	390 385 405 390 420 410	295 310 320 295 275 230	365 355 370 365 865 365	500 495 505 540 555 580	330 420 470 510 480 545	480 480 490 520 540 570	485 505 540	440 450 505	465 480 530	615 620 625 610 610 600	580 485 535 580 520 495	600 580 575 600 600 580

Day		April			May			June			July			August			September	
Lay	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	605 595 600 635 605	540 530 560 570 570	575 570 570 575 580	620 620 620 640 660	565 560 590 590 610	595 600 605 615 630	625 625 635 640 630	570 595 600 600 615	600 610 615 625 625	540 525 530 NR NR	490 490 480 NR NR	515 510 505 NR NR	485 485 485 450 465	335 330 330 335 335	430 420 410 395 405	NR NR 555 545 590	NR NR 420 435 455	NR NR 510 510 525
6 7 8 9	610 620 640 670 675	580 585 595 615 630	590 605 615 640 660	665 685 700 NR NR	610 610 650 NR NR	640 645 685 NR NR	620 625 630 630 635	600 595 595 590 565	615 610 610 615 615	NR NR NR 515 495	NR NR NR 465 465	NR NR NR 490 485	445 480 460 455 445	335 330 330 330 320	390 400 395 405 405	610 610 630 640 630	480 510 495 555 510	550 575 585 585 585
11 12 13 14 15	690 735 740 770 805	655 665 680 685 690	680 685 695 715 705	NR NR NR NR	NR NR NR NR NR	NR NR NR NR	640 630 640 660 655	585 600 600 600 585	615 615 625 640 635	500 510 510 510 515	460 460 450 450 450	485 495 495 490 485	430 430 430 450 420	300 280 275 290 280	370 375 375 380 355	640 NR NR NR NR	480 NR NR NR NR	575 NR NR NR NR
16 17 18 19 20	715 720 700 715 690	650 655 665 650 655	685 690 685 690 670	NR NR 665 660 655	NR NR 600 605 610	NR NR 645 635 635	630 625 600 605 600	555 555 555 545 520	615 595 585 590 570	520 520 500 520 500	425 430 425 405 400	485 470 460 450 450	435 415 390 415 415	285 290 290 290 295	345 340 340 375 365	560 565 570 570 580	515 520 530 540 540	545 545 555 555 560
21 22 23 24 25	682 675 675 675 665	645 650 630 625 625	665 655 650 645 640	660 660 660 665 660	625 630 630 605 605	645 645 645 640	575 570 565 535 525	475 460 445 475 450	525 510 495 485 485	520 505 480 485 475	385 375 395 390 390	450 450 420 425 425	435 430 430 470 440	295 295 320 320 315	365 365 380 390 390	590 595 600 600 625	540 550 540 540 560	570 580 580 580 590
26 27 28 29 30 31	655 645 645 635 630	615 610 605 600 595	635 630 615 620 610	660 660 645 655 645 630	605 610 555 575 575 555	635 635 630 625 620 615	510 505 505 525 540	460 455 460 475 480	480 480 480 495 510	470 480 470 465 480 490	385 390 370 370 360 330	420 425 420 420 420 430	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	630 630 625 630 665	570 570 575 590 600	595 600 600 610 635

B9 D 801.1 148.1 SAN JOAQUIN RIVER AT ANTIOCH (October 1, 1970, through September 30, 1971)

(In Micromhos at 25 ° C)

Doy	'I I I				November			December			January			February			March	
Doy	Max	Min	Avg	Max	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5	556 598 678 720 740	244 220 230 228 210	370 400 420 400 420	600 690 774 670 672	230 220 240 240 270	360 400 450 450 470	320 295 335 295 305	225 245 200 185 200	250 255 250 225 240	374 374 365 360 365	296 290 285 285 290	330 330 330 330 335	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	310 305 310 310 310	280 272 275 280 266	295 290 290 290 290
6 7 8 9 10	660 520 500 620 640	220 200 196 200 220	400 340 330 370 400	540 520 432 408 400	230 230 230 240 230	420 360 340 350 330	275 NR NR 400 393	215 NR NR 310 315	255 NR NR 340 360	368 360 362 362 355	280 290 280 280 270	335 330 330 325 320	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	310 310 310 308 320	268 278 270 273 272	290 290 295 298 300
11 12 13 14 15	700 800 836 880 NR	230 258 240 250 NR	470 480 500 500 NR	380 400 360 360 380	230 240 240 220 230	320 330 300 290 300	NR NR 308 320 328	NR NR 225 250 250	NR NR 260 280 280	355 350 357 360 368	254 285 298 304 285	310 320 325 325 325 320	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	330 NR NR NR NR	270 NR NR NR NR	310 NR NR NR NR
16 17 18 19 20	NR NR NR NR	NR NR NR NR NR	NR NR NR NR	360 280 266 250 245	220 180 180 190 185	290 256 236 230 220	328 NR NR NR NR	235 NR NR NR NR	280 NR NR NR NR	342 315 348 335 NR	275 250 228 285 NR	310 280 295 315 NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR
21 22 23 24 25	NR NR NR NR	NR NR NR NR	NR NR NR NR	230 245 248 235 220	200 210 206 175 150	220 225 224 215 180	NR NR NR 340 355	NR NR NR 260 270	NR NR NR 295 310	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR
26 27 28 29 30 31	NR NR NR NR 550	NR NR NR NR 220 230	NR NR NR NR 320 320	290 325 310 295 330	190 235 195 190 220	245 265 240 255 260	360 355 370 370 370 370	265 260 265 235 300 305	315 310 315 290 335 340	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR 314	NR NR 288	NR NR 295	NR NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR

Dov		April			May			June			July			August	****		Septembe	r
Doy	Max	Min	Avg	Max	Min	Avg	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	A∨g
1				NR	NR	NR	205	173	188	215	185	200	754	345	460	360	260	325
2				NR	NR	NR	200	175	188	210	180	200	820	332	535	355	265	320
3				NR	NR	NR	209	174	185	210	170	190	974	362	600	295	250	270
4				NR	NR	NR	200	175	183	220	174	200	1280	328	700	310	240	270
5				NR	NR	NR	210	173	185	NR	NR	NR	1270	296	670	318	213	270
6				NR	NR	NR	205	170	185	NR	NR	NR	1240	335	700	319	210	270
/				205	180	190	200	175	182	NR	NR	NR	1193	340	700	298	192	245
8				208	180	188	200	165	180	475	170	290	1140	368	725	282	190	235
9				208	177	188	209	162	180	506	180	300	1030	380	725	290	184	235
10		N		207	177	188	204	172	185	460	166	290	1035	410	715	280	190	230
11		0		200	175	185	204	170	182	422	185	300	1145	495	825	260	170	220
12				216	182	195	200	160	180	415	210	310	1180	530	825	245	163	210
13				212	180	192	204	168	182	410	223	310	1175	470	760	240	120	200
14				207	175	188	196	169	180	418	255	320	1155	435	730	229	160	200
15		R		230	172	190	198	170	180	405	284	345	1085	400	680	220	162	200
16		E		214	172	190	200	170	180	520	270	365	1040	400	680	230	170	205
17				210	174	182	200	175	180	550	275	390	980	380	635	240	180	210
18		С		210	170	185	231	175	190	610	340	465	895	365	625	NR	NR	NR
19				210 -	171	185	210	174	190	675	418	510	855	395	615	NR	NR	NR
20		0		200	171	183	220	168	200	840	390	530	900	365	610	NR	NR	NR
21		R		205	171	180	240	180	210	800	490	610	745	360	550	NR	NR	NR
22				208	174	188	280	172	212	795	285	500	670	380	520	NR	NR	NR
23		D		205	182	192	280	150	210	885	280	550	580	365	470	NR	NR	NR
24				205	180	195	300	163	220	875	300	545	550	365	465	NR	NR	NR
25				214	173	195	280	155	220	783	285	515	578	395	480	220	170	190
26				220	171	195	260	160	215	670	300	510	555	385	475	205	162	180
27				220	175	200	240	170	215	660	300	465	510	370	420	208	163	180
28				210	171	198	240	180	215	640	320	460	475	305	385	195	160	175
29				210	177	195	235	190	220	600	320	425	442	270	350	230	165	185
30				215	178	198	230	190	210	610	310	410	400	270	335	191	165	180
31				208	170	190				677	320	430	380	270	325			
							1						I					

B9 D 802.7 132.7 SACRAMENTO RIVER AT GREENE'S LANDING (October 1, 1970, through September 30, 1971)

(In Micromhas ot 25° C)

Day	October				November			December			Januory			February			Morch	
Day	Mox	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5																		
6 7 8 9																		
11 12 13 14 15																		
16 17 18 19 20																		
21 22 23 24 25																		
26 27 28 29 30 31																		

Day		April			May			June			July			August			Septembe	r
Juy	Мах	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg	Max	Min	Avg
1 2 3 4 5										128 132 134 127 127	120 119 123 123 123	124 126 128 125 125	174 170 161 157 150	154 150 145 143 127	162 162 153 151 137	150 152 153 145 145	138 138 139 137 135	142 144 145 141 141
6 7 8 9 10										126 128 126 120 120	123 126 112 110 113	125 126 120 115 117	131 129 129 132 135	124 118 120 117 125	126 124 124 123 130	146 150 162 161 165	139 137 150 154 155	143 145 155 157 159
11 12 13 14 15										117 119 125 135 139	112 111 119 127 125	114 115 123 130 130	135 138 138 125 122	123 120 117 115 107	129 131 125 119 114	172 177 187 191 190	159 162 169 167 167	165 171 182 180 173
16 17 18 19 20							121 129 128 122 117	118 118 117 113 109	119 122 120 119 113	135 131 127 129 133	123 122 121 119 120	127 126 124 125 128	125 135 131 135 146	113 121 125 125 132	118 128 127 130 137	196 166 147 144 151	137 125 125 126 122	161 143 134 134 133
21 22 23 24 25							119 119 120 119 121	112 115 115 111 112	115 117 117 115 116	131 128 132 128 132	118 119 119 119 117	125 124 124 123 124	138 140 145 168 147	117 126 135 142 138	128 133 138 153 142	142 133 126 130 128	115 116 105 115 108	128 127 117 122 117
26 27 28 29 30 31							123 122 126 127 132	93 116 107 107 121	117 119 119 119 126	138 140 144 155 161 209	122 129 132 136 140 142	129 136 137 142 147 182	139 150 150 151 148 143	123 129 135 133 132 131	132 139 140 139 139 136	117 123 122 120 123	71 108 109 110 120	108 116 115 117 122

PLANKTON ANALYSIS OF SURFACE WATER

	6	Date		Phy number	rtaplanl p e r mil	tion Liliter			raost /	Abundan ger	T Phyto	plankto	1		١
Station Number	Station	Time	Total	B1-Gr	Green	T	Diatom's C P	1	2	3	4	5	6	Samp	Lat
AO 5103.00	FEATHER RIVER AT NICOLAUS	10-07-70 0900	1684	64	32	1330	162 96	F 99 71.3	D 03	F 52	B 55	D 65	<u>G 27</u>	5050	5050
		11-05-70 1020	928		130	766	<u>0</u> 32	F_99 72.3	G 22 14.0	F 56 6.9	F 52	D 66 3.4		50 50	505
		12-09-70 1010	316		64	252		F 99 69.6	G 02 20.2	F 56 10.1				5050	5050
		01-06-71	416	64	32	192	<u>96</u> 32	F 99 38.4	B 55 15.4	D 05 15.4	G 15 7.7	F 56 7.7	D 03 7.7	5050	5050
A0 5165.00	FEATHER RIVER NEAR GRIDLEY	10-07-70 0645	1770	220	32	1228	<u>290</u> 0	F 99 62.1	D 03 16.4	B 55 12.4	F 52 5.4	G 22 1.8	F 54 1.8	5050	5050
		11-05-70 0830	928			864	<u>64</u> 0	F 99 86.2	F 56 6.9	D 03 6.9				5050	5050
		12-05-70 0840	412		64	220	96 32	F 99 53.4	D 03 23.3	G 22 7.8	G 07 7.8	D 66 7.8		5050	
r .		01-06-70	568		64	252	<u>252</u> 0	F 99 38.7	D 03 38.7	G 02 11.3	F 56 5.6	D 05 5.6		5050	
A5 R 953.0 028.6	LAKE DAVIS NEAR DAM (STATION 1)	04-28-71			64	956		F 99 52.9	F 56 31.3					5050	
A5 R 954.9 030.3	LAKE DAVIS, MIDLAKE (STATION 2)	04-28-71 1515 (1 Foot)	2530			2530		F 99 67.2	F 56 32.8	D 55 Trace	2			5050	5050
		04-28-71 1520 (7 Feet)	3088		96	2832	0 160	F 99 51.8	F 56 38.9	D 55 5.2	G 19 2.1	F 08 1.0	G 22 1.0	5050	5050
A5 R 955.9 031.3	LAKE DAVIS NEAR NORTH END (STATION 3)	04-28-71 1245	2554			2490	<u>0</u> 64	F 99 58.7	F 56 38.8	D 66 2.5	G 19 Trace	D 55 Trace	è	5050	5050
Station Number	Station		Do Tin	, -	Tatal	D . 1	er liter)	Arsc.	1.1a		dant Za	aplankt	4	Samp	Lat
A5 R 954.9 030.0	LAKE DAVIS, MIDLAKE (STATION 2)		04-28- 1515 (1 Foo	5	100		61	<u>1</u> 00.	1 <u>50</u> 100					5050	5050
			04-28- 1520 (7 Fee)	000	300	87		1 50 16.7	R 20 3.3				5050	505
		CODES	AND AE	BREVIA	TIONS										
	PHYTOPLANKTON								200	PLANKI	ON				
	phytoplankton per milliliter						Total z					er			
Bl-Gr - Blue G Green - Green					<u>M1</u>	sc -	Miscell			lanktor lant Zo					
Flag - Flagel	lates				Ro	tifers	ı	MOS C	ADUIIC		cellar				
	c over Pennate (undifferentiated if ng line is ahown)	no					Keratel	la			1 50 T	Jnident Cilliat			
	Most Abundant Phytoplankton														
Blue-Green Alg															
2 33 Catili	(Dinophyceae F 56 Cryptomonaa								5	SAMPLER	Ł				
Green Algae	F 99 Unidentified				50	50 -	Departm	ent of	Water	Resou	rces				
G 02 Ankist G 07 Crucig	ani a														
G 15 Scened G 19 Schrod	esmus Diatoms														
G 22 Selena G 27 Treuba	strum D.O3 Cyclotelle	esh water)							L	ABORATO	ORY				
Flagellates F 08 Trache F 52 Dinobr	Pennate D 55 Asterionalla lomonae D 65 Navicula				50	50 -	Departm	ent of	Water	Resou	rces I	aborat	ory at	Bryte	

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS*

(Chlorides in Milligrams per Liter)

					остове	R 1970			
Station Number	Station	2	6	10	14	18	22	26	30
	SUISUN BAY CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT PORT CHICAGO SUISUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	6,210 a	9,730 d 7,080 4,190 a 140 abd	6,960 df 4,140 e 3,670 3 190 a	7,430 3,540 3,070	8,190 6,710 1,880 abd 2,950 229 bd	6,730 4,220 2,540 a 1,900 a	8,420 6,190 2,270 abd 2,180 62 cd	6,310 a 5,280 62
B9 D 804.6 145.2 B9 D 806.4 142.0 B9 D 809.6 141.1	SACRAMENTO RIVER DELTA SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT ISLETON BRIDGE		35 a 9 a 5	37 a 7 a 4 e 2 e	33 d 9 5 6	62 d 12 a 5	26 9 d 5 4	21 d 7 6 4	21 13 6 3
B9 D 806.3 135.6 B9 D 800.7 138.4	SAN JOAQUIN RIVER DELTA SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND SAN JOAQUIN RIVER AT SAN ANDREAS LANDING DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	18 8 a 113 a	8 d 9 ad 5 a 20 111 a	49 a 8 a 9 a 7 a 17 117 d	106 15 7 11 5 15	9 d 9 a 7 a 16	94 d 11 8 10 d 7 14 162	55 8 10 5	51 17 10 de 9 a 16 156 a
Station Number	Santa				NOVEMBE	R 1970			
Station Number	Station	2	6	10	14	18	22	26	30
EO B 803.5 213.3 EO B 801.9 207.8 EO B 803.4 202.3 EO B 803.0 159.0 B9 D 802.3 153.0	SUISUN BAY CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT PORT CHICAGO SUISUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	9,160 · 7,430 · 4,650 176	8,520 d 6,190 a 3,030 2,890 166 abd	5,250 2,670 3,360 113 d	8,790 6,560 2,960 2,820 78	7,180 4,010 1,290 bd 1,500	6,930 3,520 ae 4,110 2,910 38	9,950 8,170 3,860 3,850 68	5,590 2,020 58
B9 D 809.6 141.1	SACRAMENTO RIVER DELTA SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT ISLETON BRIDGE	36 8 a 6 3 a	21 a 7 a 5 4	23 6 5 5	17 5 a 5	13 a 6 a	10 4 2	7 5 2	6 5 a 4
B9 D 806.3 135.6	SAN JOAQUIN RIVER DELTA SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND SAN JOAQUIN RIVER AT SAN ANDREAS LANDING DUTCH SLOUGH AT BETHEL ISLAND BRIDGE	35 a 9 10 a 5 a 16	67 a 10 a 10 a	67 10 11 20	9 10 a 10 a 22	31 a 13 a 11 a	21 13 13 21	25 10 14 19	32 13 16 de 4 a 27
	SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	169 a	158 a	131 a	134 a	130 а	110 d	109 a	60 a
Station Number	Station				DECEMBE			-	
Í		2	6	10	14	18	22	26	30
EO B 801.9 207.8 EO B 803.4 202.3 EO B 803.0 159.0	SUISUN BAY CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT PORT CHICAGO SUISUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	1,320 a 256	570 32 a 16 22	28 30 19	27 18 18	433 29 17 20 a	155 ae 20	1,070 a 137 26	3,350 1,780
B9 D 809.6 141.1		5 6 a 4	7 de 6 5	6 d 5	6 6 3	5 d 8	7 6 5 5	8 bd 8 4 4	9 a 8 5
B9 D 801.1 148.1	SAN JOAQUIN RIVER DELTA SAN JOAQUIN RIVER AT ANTIOCH	20 d	21	20	23 a	24	25	27	33 a
B9 D 801.7 145.0 B9 D 802.6 141.5 B9 D 805.2 141.1 B9 D 803.5 140.0 B9 D 806.3 135.6	SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND SAN JOAQUIN RIVER AT SAN ANDREAS LANDING	11 a 13 a	18 23	13 18	22 12 a 20 a 5	14 bd 19 5	20 de	28	34 18 a 26 a
	DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	36 73 a	40 44	48 60 a	54 56 a	64 43	66 41	73 40 a	76 41 a

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

c Taken two days later.

d Taken over one hour off schedule time.

e Taken on preceding day f Taken two days earlier.

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *

(Chlorides in Milligrams per Liter)

Station Number	Station		T		JANUAR		1		
		2	6	10	14	18	22	26	30
30 B 803.5 213.3 30 B 801.9 207.8 30 B 803.4 202.3 30 B 803.0 159.0 39 D 802.3 153.0	CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT PORT CHICAGO	976 36	4,630 4,440 644	6,120 d 4,330 73 abd	3,050 1,760 49 d	4,050 3,030 41 a	3,000 178 a 68 a	2,150 1,070	3,320 49 25 a 26 a
	SACRAMENTO RIVER DELTA								
	SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE	8 abd 9 5 4	9 9 6 6	11 11 5	9 bd 9 a 5 4	9 9 3 3	7 3 5 2	5 5 4 3	6 8 4 3
	SAN JOAQUIN RIVER DELTA						4.		
9 D 801.7 145.0 9 D 802.6 141.5		32 30 a 15	30 21	29	35 a 20 a	30 19	29 20 de	28 15	29 13
9 D 803.5 140.0	FALSE RIVER AT BRADFORD ISLAND SAN JOAQUIN RIVER AT SAN ANDREAS LANDING	27	29	26	25 a	27	26	20	22
9 D 800.7 138.4	DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	78 39	54 41 a	54 56 a	59	63	66	64	64
					FEBRUAR	Y 1971			
Station Number	Station	2	6	10	14	18	22	26	30
	SUISUN BAY		•	*	· · · ·			·	
0 B 803.5 213.3 0 B 801.9 207.8 0 B 803.4 202.3 0 B 803.0 159.0 9 D 802.3 153.0	CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT FORT CHICAGO SUISUN BAY AT NICHOLS	4,180 425 ad 123	5,170 2,750 32 d	1,440 27 abd	5,330 d 3,740 5,554	4,240 2,190 cd 1,280	7,710 3,500 a 2,390	5,920 2,190 a 372 bd 223 22	
	SACRAMENTO RIVER DELTA								
9 D 809.6 141.1	SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER	7 5 7 4	7 8 6 4	19 7 6 4	10 8 6 4	9 8 6 4	12 10 9 6	17 bd 11 10 6	
	SAN JOAQUIN RIVER DELTA								
9 D 801.1 148.1 9 D 801.7 145.0 9 D 802 6 141.5		26	27 26	27	28	27	24 d	30 23	
9 D 805.2 141.1 9 D 803.5 140.0	THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND	13 d 22	18 24 d	20 34 d	13 bd 24	21 24	21 25	15 ad 21 d	
9 D 806.3 135.6 9 D 800.7 138.4 9 D 747.2 118.4		68	66 59 a	62 62 a	63 64	52 54	49 68 a	39 68 a	
					MARCH	1971	******		
Station Number	Station	2	6	10	14	18	22	26	30
0 B 801.9 207.8 0 B 803.4 202.3 0 B 803.0 159.0	SUISUN BAY AT PORT CHICAGO	6,560 1,820 a 169 a 982	2,130 1,260 abd 1,790	9,150 5,880 2,560	7,440 d 5,160 2,080 1,460	5,960 61 a 274	7,340 6,070 a 2,260 1,870	9,230 2,940 1,050	2,810 78 51
9 D 804.6 145.2 9 D 806.4 142.0 9 D 809.6 141.1	SACRAMENTO RIVER DELTA SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT ISLETON BRIDGE	16 30 10 6 d	19 11 10 6	19 11 8 6	34 d 8 7 6	4 5 6 3	10 9 4 4	6 a 5 a 6 5	5 3 2 2
9 CCT C.010 A 6	SAN JOAQUIN RIVER DELTA								
9 010.3 133.6			27	30	37	28 25	18 18	19 a 18 a	14 15
9 D 801.1 148.1 9 D 801.7 145.0	SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE	32					10	10 4	
39 D 801.1 148.1 39 D 801.7 145.0 39 D 802.6 141.5 39 D 805.2 141.1	SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUCH AT SAN JOAQUIN RIVER	32 27 bd	25 13	2	10 bd	19 10	10		9
99 D 801.1 148.1 199 D 801.7 145.0 39 D 802.6 141.5 199 D 805.2 141.1 39 D 803.5 140.0	SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND		25	2 17 6	10 bd 14 6 ed	19	11 6	11	

 \star Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

b Taken on following day.

d Taken over one hour off achedule time.e Taken on preceding day.

c Taken two days later.

f Taken two days earlier.

SALINITY OBSERVATIONS AT BAY AND DELTA STATIONS *

(Chlorides in Milligrams per Liter)

					APRIL	1971			
Station Number	Station	2	6	10	14	18	22	26	30
EO B 803.5 213.3 EO B 801.9 207.8 EO B 803.4 202.3 EO B 803.0 159.0 B9 D 802.3 153.0	SUISUN BAY CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SUISUN BAY AT PORT CHICAGO SUISUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	2,790 635 ae 16 11	2,430 a 111 a 15	6,040 1,080 a 336 15	5,530 de 3,280 68 a 396	2,880 30 70 14	6,220 3,910 221 a 43 10 a	8,980 4,490 1,660 d	3,500 3,080 595 a 371
	SACRAMENTO RIVER DELTA								
B9 D 804.6 145.2 B9 D 806.4 142.0 B9 D 809.6 141.1	SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT ISLETON BRIDGE	4 3 2	4 d 5 a 2 3	7 a 4 d 3 2	4 4 4 3	5 4 3 de 3	4 bd 4 a 4	6 4 5 4	6 d 5 5 3
no n 001 1 1/0 1	SAN JOAQUIN RIVER DELTA	10	11	1/	.,,	,,	12 -	10 -	13
B9 D 801.1 148.1 B9 D 801.7 145.0 B9 D 802.6 141.5	SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND	12 11	11 a 11	14 a 12	11 11	11	12 a 12	10 a 6	11
B9 D 805.2 141.1 B9 D 803.5 140.0	THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND	7 d 10	7 abd 8 a	6 d 8 d	6 d 11	7 7	6 a 7 a	6 bd 11	
B9 D 800.7 138.4	SAN JOAQUIN RIVER AT SAN ANDREAS LANDING DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	20 111	18 a 131	16 108	20 145	12 98	4 a 13 a 84	4 53 134	12 154
					MAY	1971			
Station Number	Station .	2	6	10	14	18	22	26	30
	SUISUN BAY								
EO B 803.5 213.3 EO B 801.9 207.8 EO B 803.4 202.3 EO B 803.0 159.0 B9 D 802.3 153.0	CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ SULSUN BAY AT PORT CHICAGO SULSUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	3,470 e 377 e 251 e	7,270 4,670 a 2,730 2,670 16 a	7,150 5,490 280 d 1,680	5,870 1,040 a 897 518	6,230 e 2,190 a 638 e 20 e	8,760 4,590 2,850 325	8,570 3,320 2,600 1,960	6,630 4,800 1,150 t 172
B9 D 804.6 145.2 B9 D 806.4 142.0 B9 D 809.6 141.1		1 ad 6 5	6 ad 6 a 6	7 6 d 7 4	7 14 6 4	6 ad 6 a 8 4	6 a 6 a 6	15 8 12 5	9 a 7 a 5 t
B9 D 801.1 148.1		10 a	16 a	18 a	12 bd	13 a	14 a	18	15 1
B9 D 801.7 145.0 B9 D 802.6 141.5 B9 D 805.2 141.1	SAN JOAQUIN RIVER AT ANTIOCH BRIDGE SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUGH AT SAN JOAQUIN RIVER	10	14 6 a	15 8 a	13 15 4	14 9 a	13 6 a	7	7 1
B9 D 803.5 140.0 B9 D 806.3 135.6	FALSE RIVER AT BRADFORD ISLAND SAN JOAQUIN RIVER AT SAN ANDREAS LANDING	12 a	7 a	9	9	8 ad	8 ф	28 d	8
	DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE	16 a 140	16 a 124	14 94	14 129	14 a 86	14 a 124 bd	11 144	13 :
Section 1					JUNE	1971			
Station Number	Station	2	6	10	14	18	22	26	30
	SUISUN BAY								
EO B 801.9 207.8	CARQUINEZ STRAIT AT CROCKETT CARQUINEZ STRAIT AT MARTINEZ	5,920 e 2,410 a	6,520 2,390 a	7,880 5,380	5,410 1,540	6,460 df	8,640	6,070	7,510 2,540
	SUISUN BAY AT PORT CHICAGO SUISUN BAY AT NICHOLS SACRAMENTO RIVER AT PITTSBURG	4,350 1,570 de	1,910 1,940	376 a 1,490	224	1,450	1,440	1,550	
	SACRAMENTO RIVER DELTA								
B9 D 804.6 145.2	SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON	7 a	6 ad	7 d	6 bd	7 ad	8 a	15	8
B9 D 809.6 141.1	THREE MILE SLOUGH AT SACRAMENTO RIVER SACRAMENTO RIVER AT RIO VISTA BRIDGE SACRAMENTO RIVER AT ISLETON BRIDGE	7 a 4	6 a	6 3	4 a 3 b	3 a 4 d	6 4	7	5
	SAN JOAQUIN RIVER DELTA								
	SAN JOAQUIN RIVER AT ANTIOCH SAN JOAQUIN RIVER AT ANTIOCH BRIDGE	16 a	13 a	12 a	13 a	17 a	19 a	35 a	
B9 D 802.6 141.5 B9 D 805.2 141.1	SAN JOAQUIN RIVER AT JERSEY ISLAND THREE MILE SLOUGH AT SAN JOAQUIN RIVER FALSE RIVER AT BRADFORD ISLAND	6 bd 8 a	6 ad 7 a	11	8 a 6 a 7 a	7 a 6 a 6 a	6 а	6	1 6
B9 D 806.3 135.6	SAN JOAQUIN RIVER AT SAN ANDREAS LANDING DUTCH SLOUGH AT BETHEL ISLAND BRIDGE	5 a 14 a	13	10	12 ь	ll a	12 a	10	15

*Samples taken at four-day intervals approximately one and one-half hours after high high tide.

a Taken after low high tide.

d Taken over one hour off schedule time.

b Taken on following day.

e Taken on preceding day.

c Taken two days later.

f Taken two days earlier

MAXIMUM OBSERVED SALINITY AT BAY AND DELTA STATIONS FOR SELECTED YEARS

Chlorides in Milligrams per Liter (a)

Station Number	S.L.						Years					
Station Number	Station	1931	1939	1944 ъ	1952	1958	1964	1967	1968	1969	1970	1971
	Sacramento-San Joaquin System Unimpaired Runoff in Percent of Average (d)	34	49	64	169	168	62	151	73	172	131	119
B 803.5 213.3	SUISUN BAY CARQUINEZ STRAIT AT CROCKETT				13,200	11,900	14,600	13,900	14,800	13,200	14,300	9,9
B 801.9 207.8	CARQUINEZ STRAIT AT MARTINEZ	16,900	16,400		8,900	7,150	12,900	11,000	12,600	11,100	11,700	8,1
В 803.4 202.3	SUISUN BAY AT PORT CHICAGO				6,900	5,830	11,200	7,840	10,700	8,100	9,260	5,5
B 803.0 159.0	SUISUN BAY AT NICHOLS						10,100	6,420	9,730	7,960	7,390	5,2
D 802.3 153.0	SACRAMENTO RIVER AT PITTSBURG				1,200	1,200	3,280	2,120	2,820	1,640	1,270	2
	SACRAMENTO RIVER DELTA SACRAMENTO RIVER AT COLLINSVILLE SACRAMENTO RIVER BELOW EMMATON	12,600	10,400	4,700	783	550 29	3,730 1,470	1,440 293	3,820 1,540	2,030	192 628	
D 806.4 142.0	THREE MILE SLOUGH AT SACRAMENTO RIVER	8,600	5,900	1,610	175	18	459	57	660	143	234	
D 809.6 141.1	SACRAMENTO RIVER AT RIO VISTA BRIDGE	7,400	4,050	550	175	17	690	28	198	40	73	
D 810.3 135.6	SACRAMENTO RIVER AT ISLETON BRIDGE	6,350	2,500	50	125	14	20	13	14	11	12	
	SAN JOAQUIN RIVER DELTA											
	SAN JOAQUIN RIVER AT ANTIOCH	12,400	9,200	4,000	354	184	2,500	654	2,730	1,580	944	1
	SAN JOAQUIN RIVER AT ANTIOCH BRIDGE					122	892	520	2,320	1,120	1,080	
	SAN JOAQUIN RIVER AT JERSEY ISLAND					52	863	144	1,210	495	540	
	THREE MILE SLOUGH AT SAN JOAQUIN RIVER					45	262	33	291	96	96	
	FALSE RIVER AT BRADFORD ISLAND						70	47	898	191		
	SAN JOAQUIN RIVER AT SAN ANDREAS LANDING	5 100	2 250	(00	0.0	110	72	35	164	40	22	
	DUTCH SLOUGH AT BETHEL ISLAND BRIDGE SAN JOAQUIN RIVER AT MOSSDALE BRIDGE		2,250		88 122	110	434	103	409	131	175	
7 747.12 110.4	SAN SURVEIN RIVER AT PASSARE BRIDGE	120	160	130	122	219	318	181	246	168	168	

- a Ocean water contains approximately 19,000 milligrams per liter of chloride.
- b Releases of stored water from Shesta Lake commenced in 1944.
- c Period of record from October 2, 1970, through June 30, 1971.
- d Average taken as mean annual unimpaired flow at foothill stations of major tributarias for 50-year period, October 1920 through September 1970, and does not include runoff from minor tributarias and from valley floor.
- a Preliminary data subject to revision.



Appendix E
GROUND WATER QUALITY



INTRODUCTION

This appendix presents ground water quality data collected during the period from October 1, 1970, through September 30, 1971. The data were collected from a number of major ground water sources in Northeastern California in cooperation with other state, local, and federal agencies. During the 1971 water year, 484 wells were sampled in 28 ground water basins and subbasins or subareas.

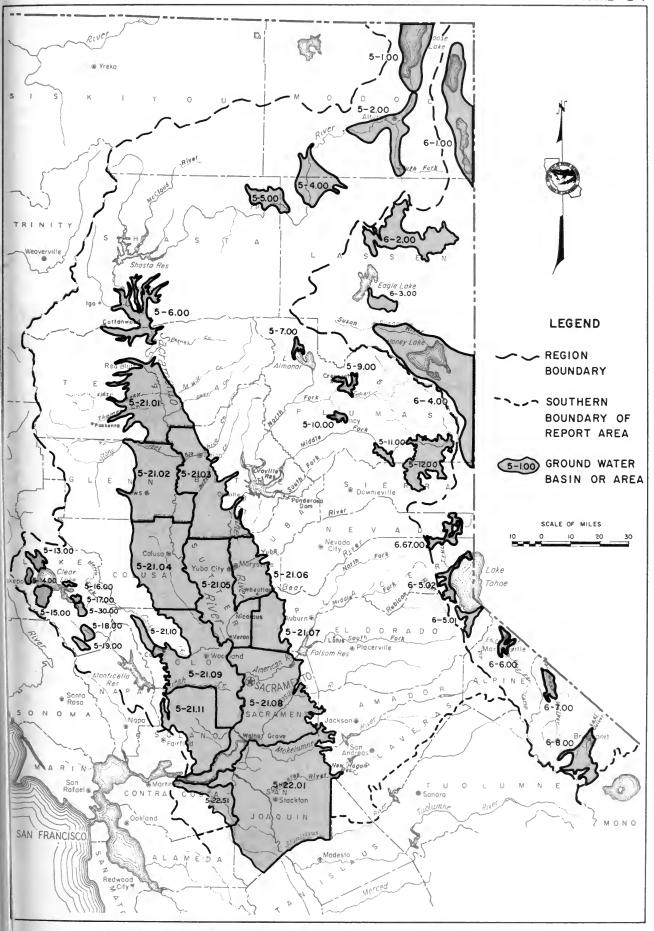
At the time of field sampling, pH and temperature measurements are normally made. Comments on current conditions are noted in field books which are available in the files of the Department of Water Resources.

Laboratory analyses of ground waters were performed in accordance with "Standard Methods for the Examination of Water and Wastewater", 13th Edition.

The Region and Basin and State Well Numbering Systems are described in Appendix C, "Ground Water Measurements", on page 219.

INDEX TO GROUND WATER QUALITY DATA IN NORTHEASTERN CALIFORNIA

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5- 5.00	Fall River Valley	432
5- 6.00	Redding Basin	432
5- 7.00	Lake Almanor Valley	
5- 9.00	Indian Valley	
5-10.00	American Valley	
5-11.00	Mohawk Valley	
5-12.00	Sierra Valley	
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5-30.00	Lower Lake Area	435
5-18.00	Coyote Valley	
5-19.00	Collayomi Valley	
5-21.00	Sacramento Valley	
5-21.01	Tehama County	436
5-21.02	Glenn County	438
5-21.03	Butte County	
5-21.04	Colusa County	454
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	Placer County	•
5-21.08	Sacramento County	446
5-21.09	Yolo County	440
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5-21.11	Solano County	44/
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6-67.00 6- 5.00	Truckee Valley	
	Tahoe Valley	453
6- 5.01 6- 5.02	South Tahoe Valley	400
	North Tahoe Valley	
6- 6.00	Carson Valley	
6- 7.00 6- 8.00	Topaz Valley Bridgeport Valley	
0-0.00	pringebore saries	



GROUND WATER BASINS IN NORTHEASTERN CALIFORNIA

TABLE E-1

MINERAL ANALYSES OF GROUND WATER

Lab and Sampler Agency Codes

5000 - U. S. Geological Survey

5050 - Department of Water Resources

5210 - City of Sacramento

5701 - California Water Service Company

Abbreviations

Time - Pacific Standard Time on a 24-hour clock

Temp - Water temperature in degrees Fahrenheit at the time of field sampling

pH - Measure of acidity or alkalinity of water

EC - Electrical conductance in micromhos at 25° C.

TDS - Gravimetric determination of total dissolved solids at 180° C

SUM - Total dissolved solids my summation of analyzed constituents

TH - Total hardness

NCH - Noncarbonate hardness - any excess of total hardness over total alkalinity

Mineral Constituents

В	-	Boron	K	-	Potassium
Ca	-	Calcium	Mg	-	Magnesium
C1	-	Chloride	Na	-	Sodium
co ₃	-	Carbonate	NO ₃	-	Nitrate
F	-	Fluoride	sio ₂	-	Silica
HCO.	_	Bicarbonate	SO.	_	Sulfate

State Well Number	_	рН	EC		Mineral	Constitue	ents in		Milliequ	ms per L ivalents	per Liter			Milli	groms per	Liter	
Date Lab Time Sampler	Temp.	Lab Field	Lab Field	Co	Mg	No	К	CO 3	Percent HCO ₃	Reactan SO ₄	Ce Value	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
CENTRAL VALLEY REGION 5-0	00.00																
GOOSE LAKE VALLEY 5-01.00)																
44N/13E-36A01 M 7-27-71 0740 5050	67	8.1	190														
44N/14E-07K01 M 7-27-71 0830 5050	54 -	7.1	485														
45N/13E-12L01M 7-27-71 5050 0945 5050	70	8.2 7.6	319 330					0	175 2.87		6.5 0.18	0.6					46 0
45N/14E-32L01 M 7-27-71 0910 5050	60	7.1	260														
46N/14E-32J01 M 7-27-71 1120 5050	65	7.0	170														
47N/14E-02H01 M 7-27-71 1220 5050	61	8.1	 445														
47N/14E-14B02 M 7-27-71 1230 5050	62	6.5	185														
48N/14E-23K01 M 7-27-71 1200 5050	54	6.9	215														
ALTURAS BASIN 5-02.00																	
39N/13E-06N01 M 7-27-71 1350 5050	77	7.4	255														
40N/12E-11F01 M 7-27-71 1430 5050	77	8.0	162														
40N/12E-25J01 M 7-27-71 5050 1415 5050	64	8.3 7.3	373 390	12 0.60 15	5.1 0.42 10	63 2.74 69	9.2 0.24 6	0	186 3.05 80	22 0.46 12	0.31 8	0.8 0.01 0		0.0		285	51 0
41N/11E-02J01 M 7-28-71 5050 0955 5050	70	8.2 8.0	240 238	12 0.60 24	1.7 0.14 6	31 1.35 54	16 0.41 16	0	126 2.06 88	5.9 0.12 5	4.6 0.13 6	1.9 0.03 1		0.0		191	37 0
41N/12E-15H01 M 7-27-71 5050 1530 5050	70	8.1 7.3	263 270	17 0.85 32	2.3 0.19 7	32 1.39 53	7.8 0.20 8	0	126 2.07 78	6.6 0.14 5	8.1 0.23 9	13 0.21 8		0.0		228	52 0
41N/13E-18P01 M 7-27-71 1550 5050	66	7.2	 890														
42N/11E-19E01 M 7-27-71 1040 5050	62	7.9	455														
42N/11E-24A01 M 7-28-71 1015 5050	66	7.1	215														
42N/12E-11J01 M 7-28-71 0930 5050	64	7.4	370														
42N/13E-31G01 M 7-28-71 0855 5050	61	7.3	570														
42N/13E-32G01 M 7-28-71 0900 5050	63	7.4	355														
BIG VALLEY 5-04.00																	
37N/07E-02D01 M 7-28-71 1300 5050	67	7.3	210														

State Well Number Date Leb Time Sampler Temp. PH Cab Field Field Field Ca Mg Na K CO3 HCO3 SO4 C1 NO3 F B SiO2 SUM BIG VALLEY 5-04.00 (Continued)	
Time Sampler Field Field Co Mg No K CO 3 HCO 3 SO 4 C1 NO 3 F B SiO 2 SUM	
378/07E-13801 M 59 7.8 267 15 10 23 4.6 0 126 2.3 7.7 18 0.0 203 1245 5050 7.2 280 0.75 0.83 1.00 0.12 2.07 0.05 0.22 0.29 1345 5050 7.2 280 31 37 4 79 2 8 111 345 5050 7.2 280 31 37 4 79 2 8 111 388/07E-02P01 M 69 7.6 521 30 19 48 11 0 238 8.4 38 7.8 0.1 342 77-28-71 5050 7.1 540 1.50 1.58 2.09 0.28 3.90 0.17 1.07 0.13 1230 5050 8 28 29 38 5 74 3 20 3 3 388/07E-23D01 M 68 7.5 273 18 9.2 27 2.7 0 148 5.4 7.6 3.3 0.0 208 77-28-71 5050 7.1 290 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1240 5050 7.1 200 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1320 5050 7.1 200 0.90 0.76 1.17 0.07 0.06 1.77 0.70 0.06 1.77 0.70 0.06 1.77 0.70 0.06 1.77 0.70 0.70 0.70 0.70 0.70 0.70 0.70	TH NCH
7-28-71 5050 1345 5050 7.2 280 0.75 0.83 1.00 0.12 2.07 0.05 0.22 0.29 1345 5050 7.2 280 31 37 4 79 2 8 11 38N/07E-02P01 M 69 7.6 521 30 19 48 11 0 238 8.4 38 7.8 0.1 342 7-28-71 5050 7.1 540 1.50 1.58 2.09 0.28 3.90 0.17 1.07 0.13 1230 5050 7.1 540 1.50 1.58 2.09 0.28 3.90 0.17 1.07 0.13 38N/07E-23D01 M 68 7.5 273 18 9.2 27 2.7 0 148 5.4 7.6 3.3 0.0 208 7-28-71 5050 7.1 290 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1240 5050 7.1 290 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1240 5050 7.1 200 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1240 5050 7.1 200 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 127 0.06 138N/07E-28N09 M 62 7.3 179 7-28-71 5050 7.1 200 7.2 2.2 0.06 1.72 0.06 1.72 0.06 38N/08E-30R01 M 63 7.9 222 7.3 10 0.06 38N/08E-30R01 M 59 8.2 904 65 53 26 6.6 0 154 44 70 222 0.0 636 7.2 2.1 0.06 38N/08E-30R01 M 70 7.3 345 1430 5050 7.1 960 3.24 4.35 1.13 0.17 2.552 0.92 1.97 3.58 1410 5050 38N/08E-30R01 M 70 7.3 345 1500 5050 38N/07E-13Q01 M 62 7.0 222 1210 5050 39N/07E-13Q01 M 62 7.0 222 1210 5050	
7-28-71 5050 7.1 540 1.50 1.58 2.09 0.28 3.90 0.17 1.07 0.13 1.30 1.30 1.30 5050 7.1 540 1.50 1.58 2.09 38 5 74 3 20 3 3 3 8 5 74 3 20 3 3 3 8 5 74 3 20 3 3 3 8 5 74 3 20 3 3 3 8 5 74 3 20 3 3 3 8 5 74 3 20 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	79 0
7-28-71 5050 7.1 290 0.90 0.76 1.17 0.07 2.43 0.11 0.21 0.05 1240 5050 7.1 200 31 26 41 2 87 4 7 2 38N/07E-28N09 M 62 7.3 179 0.06 1.72 0.72 0.72 0.72 0.72 0.72 0.72 0.72 0	154 0
7-28-71 5050 7.1 200 1.72 0.06 38N/08E-17K01 M 63 7.9 222 0.06 38N/08E-30R01 M 59 8.2 904 65 53 26 6.6 0 154 44 70 222 0.0 636 7-28-71 5050 7.1 960 3.24 4.35 1.13 0.17 2.52 0.92 1.97 3.58 1410 5050	83 0
7-28-71 5050 1430 5050 38N/08E-30R01 M 59 8.2 904 65 53 26 6.6 0 154 44 70 222 0.0 636 7-28-71 5050 7.1 960 3.24 4.35 1.13 0.17 2.52 0.92 1.97 3.58 1410 5050 . 36 49 13 2 28 10 22 40 38N/09E-21L01 M 70 7.3 345 1500 5050 39N/07E-13Q01 M 62 7.0 222 1210 5050 39N/08E-23A01 M 63 7.1 200	54 0
7-28-71 5050 7.1 960 3.24 4.35 1.13 0.17 2.52 0.92 1.97 3.58 1410 5050 7.1 960 3.24 4.35 1.13 0.17 2.52 0.92 1.97 3.58 36 49 13 2 28 10 22 40 38N/09E-21L01 M 70 7-28-71 7.3 345 1500 5050 7.3 345 7.27-71 7.0 222 1210 5050 7.1 200 7.1 200	80
7-28-71 7.3 345 1500 5050 39N/07E-13Q01 M 62 7.0 222 1210 5050 39N/08E-23A01 M 63 7.1 200	380 254
7-27-71 7.0 222 1210 5050 39N/08E-23A01 M 63 7-28-71 7.1 200	
7-28-71 7.1 200	
1145 5050	
39N/08E-26J02 M 59 7-29-71 7.0 270 0740 5050	
39N/09E-28F20 M 71 8.1 195 19 0 118 7-28-71 5050 7.3 200 0.83 1.93 1610 5050 33 ~	84
FALL RIVER VALLEY 5-05.00	
37N/05E-19P02 M 62 7.2 464 20 16 56 5.4 0 269 0.0 3.3 1.3 0.2 329 7-29-71 5050 7.1 505 1.00 1.33 2.44 0.14 4.41 0.09 0.02 1120 5050 20 27 50 3 98 2 0	117 0
37N/05E-24F01 M 61 8.1 228 16 6.8 23 2.1 0 126 0.8 1.4 10 0.0 155 7-29-71 5050 8.0 228 0.80 0.56 1.00 0.05 2.07 0.02 0.04 0.16 1025 5050 33 23 42 2 90 1 2 7	68 0
37N/06E-19L01 M 60 7-29-71 7.7 218 1015 5050	
38N/03E-24F01 M 59 7.9 149 0 97 1.6 7-29-71 5050 7.1 158 1.59 0.04 1310 5050	72 0
38N/04E-27Q01 M 57 7-29-71 7.9 185 1200 5050	
38N/04E-30H01 M 54 7.8 229 13 0 134 4.4 7-29-71 5050 6.8 255 0.56 2.20 0.12 1235 5050 22	98
38N/06E-31D01 M 62 7-29-71 7.9 185 0900 5050	
REDDING BASIN 5-06.00	
29N/03W-05G02 M 65 6-15-71 5.9 132 1220 5050	
29N/04W-04R03 M 73 6-15-71 6.3 318 1150 5050	1
29N/04W-11G04 M 68 6-15-71 7.1 185 1110 5050	

	State Well Number		ρН	EC		Mineral		ients in		Milligro	ıms per L uıvalents	iter per Liter			Milli	grams per	Liter	
	Date Lab Time Sampler	Temp.	Lab Field	Lab Field	Ca	Mg	Na	K	CO 3		Reactan			F	В	\$102	TDS SUM	TH NCH
RE	EDDING BASIN 5-06.00 (Con	ntinued))															
	30N/03W-04M01 M 6-16-71 1400 5050	68	6.8	193														
	30N/03W-18F02 M 6-15-71 1415 5050	71	5.9	245														
	30N/03W-34D01 M 6-15-71 1445 5050	63	6.3	345														
Į	30N/04W-01E01 M 6-17-71 0915 5050	66	7.1	150														
ĺ	30N/04W-08R01 M 6-16-71 0830 5050	71	7.0	132														
	30N/04W-15M03 M 6-15-71 5050 1430 5050	67	7.7 6.8	277 285	20 1.00 34	17 1.38 47	0.52 18	1.4 0.04 1	0	149 2.44 83	0.22 7	7.3 0.21 7	4.8 0.08 3		0.0		190	119 0
	30N/04W-35R01 M 6-15-71 1045 5050	70	7.0	185														
	30N/04W-36D01 M 6-15-71 1120 5050	67	. 7.1	173														
	31N/03W-05J01 M 6-16-71 1145 5050	70	6.3	208														
	31N/03W-10D02 M 6-16-71 1300 5050	73	6.5	180														
	31N/03W-12E01 M 6-16-71 1310 5050	68	6.3	200														
	31N/04W-12A01 M 6-17-71 1255 5050	87	7.3	372														
	31N/04W-15B01 M 6-17-71 1110 5050	68	7.0	222														
	31N/04W-15D03 M 6-17-71 1050 5050	67	7.1	185														
	31N/04W-16Q01 M 6-17-70 5050 1030 5050	63	7.5 6.9	147 152					0	79 1.29		4.6 0.13						53 0
	31N/04W-20J01 M 6-17-71 0935 5050	70	6.5	225														
	31N/05W-25K01 M 6-16-71 0910 5050	64	7.4	280														
	32N/03W-07N01 M 6-16-71 1050 5050	75	6.3	135														
	32N/03W-32J02 M 6-16-71 1130 5050	70	7.1	350														
	32N/05W-26M01 M 6-16-71 5050 0945 5050	67	8.2 7.0	237 235			0.74 31		0	107 1.75		5.8 0.16						83 0
UI	PPER LAKE VALLEY 5-13.00																	
	14N/09W-06F02 M 6-10-71 1415 5050	63	5.5	50														
	15N/09W-06F01 M 6-10-71 1130 5050	67	6.3	198														

State Well Number		ρН	EC		Mineral	Constitu	ante :-			oms per L	iter per Lite			Milli	grams pe	r Liter	
Date Lab Time Sampler	Temp.	Lob Field	Lab Field	Co	Mg	No	K	CO 3	Percen	t Reactor	r per Lite ice Value C I		F	В	SiO ₂	TDS SUM	TH NCH
		,,	L	1	9				11003	304		1103			3102	30M	NCh
UPPER LAKE VALLEY 5-13.00 15N/09W-06Q01 M	63	7.8	279	30	15	7.3	0.8	0	176	1.6	3.5	1.4		0.1		151	135
6-10-71 5050 1020 5050		7.2	290	1.50 49	1.20 40	0.32	0.02		2.88 95	0.03	0.10	0.02 I					0
15N/09W-07B01 M 6-10-71 0930 5050	61	6.1	360														
15N/09W-17P01 M 6-10-71 5050 1245 5050	63	8.0 7.0	419 435	24 1.20 25	41 3.36 71	4.6 0.20 4	0.3 0.01 0	0	274 4.49 95	4.1 0.09 2	5.2 0.15 3	1.3 0.02 0		0.1		230	228
15N/09W-27E01 M 6-10-71 1310 5050	66	7.2	 540														٠
15N/09W-31P01 M 6-10-71 1400 5050	65	6.1	185														
15N/10W-03C01 M 6-10-71 0810 5050	60	7.0	380														
15N/10W-13A01 M 6-10-71 0910 5050	61	6.9	230														
15N/10W-13A02 M 6-10-71 0900 5050	61	7.2	205														
16N/09W-31L03 M 6-10-71 1210 5050	63	6.3	180														
SCOTT VALLEY 5-14.00																	
14N/10W-03F01 M 6-09-71 5050 1635 5050	67	7.8 7.1	366 382			19 0.83 21		0	231 3.79		6.6 0.19						159 0
14N/10W-10P01 M 6-09-71 5050 1510 5050	60	7.7 7.0	301 315			9.3 0.40 12		0	184 3.02		6.0 0.17	~					145 0
14N/10W-10Q02 M 6-09-71 5050 1605 5050	60	8.2 7.0	335 330	34 1.70 50	15 1.26 37	10 0.43 12	1.0 0.03 1	0	189 3.10 91	8.4 0.17 5	5.1 0.14 4	0.4 0.01 0		0.2		173	148 0
14N/10W-14E03 M 6-09-71 1440 5050	64	6.5	222														
14N/10W-15A01 M 6-09-71 5050 1520 5050	57	8.3 7.3	328 342	35 1.75 51	15 1.25 36	9.1 0.40 12	1.0 0.03 1	0	153 2.51 74	28 0.58 17	6.2 0.17 5	7.8 0.13 4		0.2		190	150 25
KELSEYVILLE VALLEY 5-15.0	00																
13N/09W-03C01 M 6-10-71 5050 1500 5050	59	8.1 6.9	535 555	29 1.45 24	51 4.18 69	7.8 0.34 6	1.4 0.04 1	0	288 4.72 80	32 0.67 11	9.0 0.25 4	19 0.30 5		0.1		330	282 46
13N/09W-05D03 M 6-08-71 5050 1530 5050	66	7.6 6.3	552 580	21 1.05 17	54 4.48 71	16 0.70 11	1.4 0.04 1		367 6.02 97	1.2 0.02 0	7.2 0.20 3	0.0		0.5		322	277 0
13n/09w-08n02 M 6-09-71 0805 5050	59	6.3	225														
13N/09W-09F02 M 6-09-71 1315 5050	72	6.5	 755														
13N/09W-12M01 M 6-09-71 1350 5050	64	7.1	465														
13N/09W-16D03 M 6-09-71 0920 5050	6 I	6.5	 445														
13N/09W-17A01 M 6-09-71 5050 0830 5050	67	7.6 6.5	985 995	38 1.90 16	111 9.19 75	25 1.09 9	2.0 0.05 0	0	704 11.54 96	0.2	11 0.31 2	12 0.19 2		0.9		560	555 0

		_		\AL		-			Milligra	ms per L	iter	41Eh		Milli	grams per	Liter	
State Well Number Date Lab Time Sampler	Temp.	pH Lab Field	EC Leb Field		Mineral	Canstitu	ents in				per Lite ce Value			MIIII	groms per	TDS	ТН
Time Sampler		. 16.0	1 1610	Со	Mg	No	K	CO 3	HCO ₃	SO ₄	CI	н03	F	В	SiO ₂	SUM	NCH
KELSEYVILLE VALLEY 5-15.	00 (Cont	inued)															
13N/09W-18J01 M 6-09-71 5050 0755 5050	66	7.7 7.1	360 355	28 1.40 36	18 1.48 38	23 1.00 25	0.9 0.02 1	0	201 3.29 87	0.3 0.01 0	15 0.42 11	4.1 0.07 2		0.5		238	144 0
13N/09W-21F02 M 6-09-71 1015 5050	74	6.3	655														
13N/09W-22C03 M 6-09-71 1245 5050	64	7.2	590														
13N/09W-22J01 M 6-09-71 5050 1300 5050	60	8.3 7.1	470 490	14 0.70 13	52 4.26 78	9.8 0.43 8	1.7 0.04 1	0	283 4.64 86	15 0.31 6	12 0.34 6	5.5 0.09 2		0.0		288	248 16
14N/09W-32J01 M 6-08-71 5050 1510 5050	61	7.7 6.5	822 900	65 3.24 33	71 5.81 59	17 0.74 8	0.9 0.02 0	0	510 8.36 85	38 0.79 8	25 0.71 7	2.5 0.04 0		0.2		477	453 35
14N/09W-32J03 M 6-08-71 5050 1515 5050	63	7.5 6.3	552 582			13 0.56 9		0	370 6.06		8.0 0.22						288 0
HIGH VALLEY 5-16.00																	
14N/08W-23K01 M 6-11-71 0820 5050	57	. 6.3	322														
14N/08W-24B02 M 6-11-71 0900 5050	66	6.1	840														
BURNS VALLEY 5-17.00																	
13N/07W-15J02 M 6-08-71 0755 5050	65	7.1	405														
13N/07W-15N01 M 6-08-71 1005 5050	63	6.3	215														
13N/07W-21J02 M 6-08-71 0930 5050	64	7.0	595														
13N/07W-21L01 M 6-08-71 5050 0950 5050	71	6.9 5.6	768 845	84 4.19 48	37 3.08 35	32 1.39 16	2.3 0.06 1	0	481 7.88 91	0.5 0.01 0	28 0.79 9	0.0		0.7		459	364 0
13N/07W-22B03 M 6-08-71 5050 0815 5050	63	7.8 6.5	472 465	34 1.70 34	24 1.98 40	29 1.26 25	1.3 0.03 1	0	220 3.61 74	19 0.40 8	18 0.51 11	22 0.35 7		0.3		308	184 4
13N/07W-27C01 M 6-08-71 1040 5050	72	7.3	315														
LOWER LAKE AREA 5-30.00																	
12N/07W-01F01 M 6-08-71 1210 5050	63	6.3	205														
12N/07W-01M02 M 6-08-71 1150 5050	62	6.5	345														
12N/07W-02P03 M 6-08-71 5050 1110 5050	64	7.9 6.9	915 965	85 4.24 40	53 4.39 41	44 1.91 18	1.8 0.05 1	0	362 5.93 56	158 3.30 31	48 1.35 13	1.9 0.03 0		1.1		638	432 135
12N/07W-13N01 M 6-08-71 5050 1240 5050	59	7.7 6.3	745 700	45 2.25 28	31 2.57 33	70 3.04 39	0.4 0.01 0	0	325 5.32 69	62 1.30 17	32 0.90 12	7.6 0.12 2		0.3		399	241 0
12N/07W-14C02 M 6-08-71 1300 5050	71	6.3	690														
12N/07W-14F01 M 6-08-71 1320 5050	64	7.1	3250														

Field	Lab				ents in			volents	rce Value					r Liter	- 1
	Field	Со	Mg	No	К	CO 3			C I	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
7.7 7.1	365 385			16 0.70 18		0	201 3.29		7.5 0.21						164 0
7.7	225														
7.2	295														
7.1	380														
7.1	220														
7.1	200														
6.9	 445														
7.1	520														
7.0	330														
7.3	257														
6.8	205								•	•					
7.0	170														
7.2	640														
7.1	132														
6.5	277														
8.0 7.1	650 615			19 0.83 12	0.8 0.02 0	0		0.73	0.85	23 0.37 5		0.0		399	302 62
8.0 7.3	278 270			26 1.13 40		0	134 2.20		12 0.34						84
7.6 6.5	314 310			17 0.74 24		0	146 2.39		14 0.39	13 0.21					119
7.4	385														
7.1	375														
7.0	538														
7.1	325														
	7.1 7.7 7.2 7.1 7.1 7.1 7.1 7.1 7.1 7.1 7.0 7.3 7.6 8.0 7.1 8.0 7.1 8.0 7.1 8.0 7.1 7.0 7.1 7.0	7.1 385 7.7 225 7.2 295 7.1 380 7.1 220 7.1 220 7.1 200 7.1 520 7.1 520 7.1 520 7.2 640 7.3 257 7.2 640 7.1 132 7.2 640 7.1 132 7.3 257 8.0 650 7.1 615 8.0 278 7.3 270 7.6 314 6.5 310 7.4 385 7.1 375	7.1 385 7.7 225 7.7 225 7.1 380 7.1 220 7.1 200 7.1 200 7.1 520 7.0 330 7.3 257 7.0 170 7.2 640 7.1 132 7.2 640 7.1 132 7.3 277 8.0 650 49 7.1 615 2.45 36 8.0 278 7.3 270 7.6 314 6.5 310 7.7 385	7.1 385 7.7 225 7.7 225 7.2 295 7.1 380 7.1 220 7.1 220 7.1 520 7.0 330 7.3 257 7.0 330 7.3 257 7.1 132 7.2 640 7.1 132 7.2 640 7.1 615 2.45 3.58 36 52 8.0 278 7.3 270 7.6 314 6.5 310 7.7 385	7.1 385 0.70 18	7.1 385 0.70 18	7.1 385 0.70 18 7.7 225 7.2 295 7.1 380 7.1 220 7.1 200 7.1 520 7.3 257 7.0 330 7.1 520 7.1 132 7.2 640 7.1 132 7.3 257 8.0 650 49 44 19 0.8 0 7.1 615 2.45 3.58 0.83 0.02 36 52 12 0 8.0 278 7.3 270 1.13 40 7.6 314 17 0 7.6 314 17 0 7.6 314 17 0 7.7 375 7.1 375	7.1 385 0.70 18 3.29 7.7 225 7.2 295 7.1 380 7.1 220 7.1 220 7.1 520 7.3 257 7.0 330 7.1 520 7.1 132 7.2 640 7.1 132 7.1 132 7.1 132 7.1 615 2.45 3.58 0.83 0.02 4.79 71 6.5 277 8.0 650 49 44 19 0.8 0 292 4.79 71 6.5 36 52 12 0 71 71 71 71 71 71 71 71 71 71 71 71 71	7.1 385 0.70 18 3.29	7.1 385 0.70 18 3.29 0.21 7.7 225 7.1 380 7.1 380 7.1 220 7.1 220 7.1 520 7.1 520 7.1 520 7.3 257 7.0 330 7.1 132 6.8 205 7.1 132 6.5 277 8.0 650 49 44 19 0.8 0 292 - 35 30 10 2 4.79 0.73 0.85 71 11 13 13 8.0 278 7.1 615 2.45 3.58 0.83 0.02 4.79 0.73 0.85 71 11 13 8.0 278 7.3 270 1.13 0 1.14 12 7.20 0.34 7.6 314 17 0 146 14 6.5 310 0.74 2.39 0.39 1.37 1.11 1.375	7.1 385	7.1 385 0.70 18 3.29 0.21 7.7 225 7.7 225 7.1 380 7.1 220 7.1 220 7.1 520 7.1 520 7.0 330 7.0 330 7.1 520 7.1 132 7.2 640 7.1 132 7.1 132 7.2 640 7.1 132 7.3 257 8.0 650 249 44 19 0.8 0 222 - 35 30 23 7 7 1 11 13 5 8 8.0 278 36 52 12 0 134 12 7 1 11 13 5 8 8.0 278 37 270 1.13 0.24 12 2.20 0.34 40 7.3 310 0.74 0 1.36 0.39 0.21 24 1.375	7.1 385 0.70 18 3.29 0.21 7.7 225 7.1 380 7.1 220 7.1 220 7.1 200 7.1 520 7.1 520 7.1 520 7.1 520 7.1 132 7.2 640 7.3 257 8.0 650 49 44 19 0.8 0 282 - 35 30 23 0.0 23 7.1 11 13 2 13 2 1	7.1 385	7.1 385

State Well Number Date Lob	Temp.	pH Lob	EC Lob		Mineral	Canstitu	ents in		Milliegu	ms per L uivalents	per Liter			Milli	grams per	Liter	
Time Sompler	Temp.	Field	Field	Со	Mg	Nα	K	co 3		Reoctan SO ₄	C I	NO3	F	В	SiO ₂	TDS SUM	TH NCH
TEHAMA COUNTY 5-21.01 (Co	ontinued)															
26N/02W-15M01 M 5-27-71 1010 5050	68	7.0	208														
26N/02W-28P01 M 5-27-71 1030 5050	62	7.0	280														
26N/03W-01G02 M 7-07-71 5050 1400 5050	74	7.7 7.1	593 590					0	307 5.03		31 0.87	10 0.16					275 23
26N/03W-03N01 M 7-08-71 0800 5050	74	7.1	340														
26N/03W-04F01 M 7-08-71 0745 5050	77	7.3	273														
26N/03W-26C01 M 7-07-71 1315 5050	73	7.0	355														
26N/03W-32A02 M 7-07-71 1255 5050	70	7.2	172														
26N/03W-36E02 M 7-07-71 1330 5050	69 .	7.7	372														
26N/03W-36F01 M 7-07-71 5050 1235 5050	71	8.3 7.7	396 375	25 1.25 32	22 1.83 46	19 0.83 21	1.6 0.04 1	0	202 3.31 85	8.4 0.17 4	13 0.37 9	4.0 0.06 2		0.0		222	154 0
26N/03W-36K01 M 7-07-71 5050 1340 5050	69	8.3 7.5	380 415	27 1.35 33	23 1.93 47	19 0.83 20	0.8 0.02 0	0	204 3.34 82	9.1 0.19 5	18 0.51 12	4.0 0.06 1		0.0		212	164 0
26N/04W-10D01 M 7-08-71 1240 5050	71	7.4	372														
27N/02W-30C02 M 7-08-71 1020 5050	62	6.5	300														
27N/03W-10B01 M 7-08-71 1420 5050	75	7.3	350														į
27N/03W-10Q01 M 7-29-71 5050 0900 5050	75	7.8	290											0.1			
27N/03W-15C01 M 7-29-71 5050 0915 5050	68	7.1	365											0.0			
27N/03W-15N01 M 7-08-71 5050 1440 5050	73	7.3 7.1	564 565	42 2.10 36	26 2.10 36	36 1.57 27	2.7 0.07 1	0	218 3.57 63	6.9 0.14 2	58 1.64 29	20 0.32 6		0.7		338	210 32
27N/03W-19A01 M 7~08-71 1310 5050	68	7.3	228														į
27N/03W-20A01 M 7-08-71 1345 5050	69	7.5	265														,
27N/03W-22B01 M 7-29-71 5050 0845 5050	68	7.2 7.1	510 510	20 1.00 20	17 1.40 28	59 2.57 51	1.5 0.04 1	0	133 2.18 44	5.3 0.11 2	78 2.20 45	26 0.42 9		1.1		307	120 11
27N/03W-23D01 M 7-29-71 5050 0830 5050	64	7.3 7.1	586 590	22 1.10 19	18 1.52 27	70 3.04 53	2.2 0.06 1	0	162 2.66 47	4.9 0.10 2	94 2.65 47	16 0.26 4		1.2		345	131
27N/03W-25D01 M 7-08-71 1030 5050	67	6.5	410														
27N/03W-31A01 M 7-08-71 1215 5050	69	7.5	260														
27N/04W-01H02 M 5-27-71 1310 5050	68	7.6	258														

State Well Number		ρН	EC		Mineral	Constitu			Milligro	oms per L				Milli	grams pe	r Liter	-
Date Lab Time Samples	Temp.	Lob Field	Lab Field	Co	Mg	No	K	CO 3			ce Value		F	В	SiO ₂	TDS SUM	TH NCH
TEHAMA COUNTY 5-21.01	(Continued	1)			** : =:												
27N/04W-03J01 M 7-21-71 1135 5050	70	7.3	215														
27N/04W-24C01 M 5-27-71 1245 5050	68	7.2	295														
27N/04W-26J01 M 5-27-71 1215 5050	68	6.3	330														
GLENN COUNTY 5-21.02																	
18N/01W-04F01 M 7-28-71 5050 1230 5050	65	8.1 7.3	421 450	33 1.65 36	21 1.73 38	27 1.17 25	1.6 0.04 1	0	241 3.95 87	6.9 0.14 3	0.39 9	3.5 0.06 1		0.1		249	169 0
18N/01W-16H01 M 7-28-71 1240 5050	79	7.7	450														
18N/02W-01E01 M 7-14-71 5050 1045 5050	66	7.7 7.5	700 740	53 2.64 32	40 3.27 39	56 2.44 29	1.4 0.04 0	0	450 7.38 90	29 0.60 7	6.7 0.19 2	5.5 0.09 1		0.1		437	296 0
18N/02W-07F01 M 7-14-71 5050 0955 5050	68	8.3 7.7	577 590			50 2.18 34		0	295 4.84		9.8 0.28						211
18N/03W-10K01 M 7-14-71 5050 0935 5050	71	8.0 7.7	610 600	34 1.70 25	24 1.94 29	70 3.04 46	0.6 0.02 0	0	303 4.97 74	47 0.98 14	24 0.68 10	7.5 0.12 2		0.2		355	182
18N/04W-02F01 M 7-14-71 5050 0850 5050	84	8.1 7.7	1180 1300	72 3.59 28	47 3.88 31	121 5.26 41	0.6 0.02 0	0	401 6.57 53	13 0.27 2	114 3.21 26	148 2.38 19		0.0		767	374 45
19N/01W-07B03 M 7-28-71 5050 1153 5050	67	7.7 7.7	299 310	23 1.15 36	15 1.21 38	19 0.83 26	0.9 0.02 0	0	181 2.97 95	1.0 0.02 1	3.8 0.11 3	2.5 0.04 1		0.1		167	118
19N/02W-06G01 M 7-14-71 5050 0800 5050	68	7.5 7.2	278 280					0	140 2,29		0.31						124 10
19N/02W-23N01 M 7-14-71 1210 5050	67	7.2	850														
19N/03W-04E01 M 7-28-71 1030 5050	68	7.0	600														
19N/03W-04L01 M 8-10-71 5701 5701	70	8.15	390	20 0.98 23	17 1.36 32	43 1.87 44	1.5 0.04 1	2.4 0.08 2	222 3.64 87	0.09	0.28 7	0.09	0.29		19	234	117
19N/03W-09A01 M 7-29-71 5701 5701	68	8.10	407	18 0.90 20	20 1.66 38	42 1.83 41	1.4 0.04 1	2.1 0.07 2	235 3.85 87	10 0.21 5	9 0.25 6	10 0.02 0	0.27		22	252	128
19N/03W-09F01 M 8-11-71 5701 5701	70	8.00	548	30 1.48 24	29 2.36 38	53 2.31 37	1.6 0.04 1	1.8 0.06 1	287 4.70 78	40 0.83 14	0.31		0.37		21	339	192
19N/03W-09J01 M 7-14-71 0825 5050	67	7.8	500														
19N/03W-09R01 M 8-11-71 5701 5701	68	8.10	509	24 1.20 21	24 1.98 35	56 2.44 43	1.5 0.04 1	2.4 0.08 1	273 4.48 80	30 0.63 11	0.31 6	7 0.11 2	0.34		20	313	159
19N/03W-10D01 M 8-10-71 5701 5701	68	7.95	650	34 1.68 24	27 2.24 31	74 3.22 45	1.1 0.03 0	1.8 0.06 1	348 5.70 79	46 0.95 13	13 0.37 5	8 0.13 2	0.48		22	401	196 0
19N/03W-18P01 M 7-14-71 5050 0910 5050	74	7.9 7.7	626 610	40 2.00 29	28 2.28 34	58 2.52 37	0.5 0.01 0	0	286 4.69 69	45 0.94 14	34 0.96 14	0.18 3		0.1		359	214
19N/03W-26P01 M 7-28-71 1050 5050	73	7.3	590														
20N/02W-11Q01 M 7-14-71 5050 1300 5050	67	7.5 7.3	422 430	40 2.00 43	23 1.88 41		0.4 0.01 0	0	252 4.13 88	0.20	8.7 0.24 5		-	0.0		217	194

State Well Number	Temp.	pH Lab	EC		Mineral	Constitu	ents in		Milliegu	ms per L	iter per Liter			Millig	grams per	Liter	
Date Lab Time Sampler	remp.	Field	Lab Field	Со	Mg	No	K	CO 3	Percent HCO ₃	SO ₄	C I	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
GLENN COUNTY 5-21.02 (Co	ntinued)									***							
20N/02W-13Q01 M 7-14-71 5050 1235 5050	67	8.1 7.8	469 500	41 2.04 38	32 2.60 48	17 0.74 14	0.4 0.01 0	0	287 4.70 88	14 0.29 5	6.8 0.19 4	10 0.16 3		0.0		257	232 0
20N/02W-22E01 M 7-28-71 5050 1130 5050	71	8.2 7.7	280 285	22 1.10 37	12 1.00 34	19 0.83 28	0.6 0.02 1	0	150 2.46 85	4.8 0.10 3	9.4 0.27 9	4.8 0.08 3		0.1		166	105 0
20N/03W-02D01 M 7-12-71 5050 1155 5050	65	7.5 7.2	438 460	46 2.30 49	21 1.72 36	16 0.70 15	0.8 0.02 0	0	216 3.54 75	13 0.27 6	22 0.62 13	18 0.29 6		0.0		252	201 24
20N/03W-16E01 M 7-28-71 5050 1010 5050	74	8.2 7.7	290 280					0	181 2.97		3.0 0.08						130 0
20N/03W-16E02 M 7-28-71 1000 5050	69	7.4	275														
20N/03W-26R01 M 7-28-71 5050 1110 5050	66	8.2 7.1	520 560	55 2.74 47	28 2.29 39	18 0.78 14	0.6 0.02 0	0	307 5.03 88	5.8 0.12 2	15 0.42 7	0.18 3		0.0		285	252 0
20N/04W-02Q01 M 7-12-71 1220 5050	75	7.8	355														
21n/01w-29n01 M 7-28-71 5050 1320 5050	68 .	8.3 7.3	395 420	2.20 51	18 1.46 34	0.61 14	0.6 0.02 1	0	220 3.61 84	12 0.25 6	0.34 8	5.0 0.08 2		0.1		213	183 3
21n/02W-15C01 M 7-20-71 5050 1500 5050	68	8.0 7.6	666 700					0	299 4.90		42 1.18	31 0.50					303 58
21N/03W-02Q01 M 7-12-71 1255 5050	70	7.2	700														
21N/03W-08A02 M 7-28-71 5050 0938 5050	70	7.6 7.7	278 300					0	168 2.67		7.9 0.22						111 0
21N/03W-20D02 M 7-16-71 5050 2010 5050	72	8.0 7.6	346 350					0	163 2.67		29 0.82	1.3					117 0
22N/01W-19J01 M 7-16-71 5701 5701	64	7.65	423	39 1.94 44	19 1.52 34	0.91 21	1.3 0.03 1	0.6 0.02 0	192 3.14 72	22 0.46 11	23 0.65 15	0.09 2	0.13		19	247	173 15
22N/01W-29C01 M 7-14-71 5050 1335 5050	67	7.5 7.3	506 530	48 2.40 44	26 2.14 39	22 0.96 17	0.6 0.02 0	0	241 3.95 72	25 0.52 9	25 0.70 13	19 0.31 6		0.1		314	227 30
22N/02W-03A01 M 7-12-71 5050 0920 5050	68	7.1 6.8	519 530	48 2.40 46	21 1.76 33	26 1.13 21	0.4 0.01 0	0	179 2.93 55	41 0.85 16	35 0.99 18	36 0.58 11		0.1		349	208 62
22N/02W-04C02 M 7-28-71 5050 1423 5050	72	7.8 6.9	440 460	34 1.70 38	22 1.82 40	0.96 21	0.8 0.02 1	0	170 2.79 64	22 0.46 10	29 0.82 19	0.31 7		0.0		262	176 37
22N/02W-07N01 M 7-28-71 5050 1440 5050	68	8.2 7.1	517 545					0	256 4.20		18 0.51	16 0.26					228 18
22N/02W-20Q01 M 7-28-71 5050 1455 5050	72	8.0 7.3	490 530	54 2.69 50	21 1.73 32	21 0.91 17	0.8 0.02 1	0	251 4.11 78	29 0.60 11	18 0.51 10	4.5 0.07 1		0.2		273	221 16
22N/02W-26B01 M 7-12-71 5050 1000 5050	65	8.3 7.2	420 435					0	217 3.56		16 0.45			0.1			189 11
22N/03W-06H01 M 7-28-71 5050 0830 5050	66	8.0 7.0	727 740	70 3.49 45	34 2.82 36	39 1.52 19	0.6 0.02 0	0	320 5.24 68	41 0.85 11	56 1.58 20	5.6 0.09 1		0.2		441	316 54
22N/03W-17E01 M 7-28-71 0855 5050	65	7.3	420														
22N/03W-17K01 M 7-12-71 0820 5050	81	7.4	510														
22N/03W-22G02 M 7-28-71 0800 5050	66	7.3	400														

State Well Number Date Lab	Temp.	pH Lab	EC Lob		Mineral	Constitu	ents in		Milliequ		per Liter			Milli	grams pe	r Liter	
Time Sampler		Field	Field	Co	Mg	No	К	CO 3	HCO ₃	SO ₄	C I	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
GLENN COUNTY 5-21.02 (Co	ntinued)																
22N/03W-22Q01 M 7-12-71 5050 0755 5050	74	7.4 7.3	497 500	59 2.94 55	19 1.60 30	18 0.78 15	0.6 0.02 0	0	246 4.03 76	0.29 5	26 0.73 14	15 0.24 5		0.1		256	227 26
22N/03W-25B01 M 7-12-71 1025 5050	65	7.2	415														
22N/03W-32R02 M 7-28-71 0920 5050	64	6.6	380														
22N/04W-10B01 M 7-12-71 0835 5050	70	7.2	510														
BUTTE COUNTY 5-21.03																	
17N/01E-01R01 M 6-23-71 5050 1300 5050	66	8.3 7.5	356 360	23 1.15 30	21 1.71 44	22 0.96 25	2.5 0.06 1	0	212 3.47 91	1.4 0.03 1	9.1 0.26 7	3.2 0.05 1		0.1		235	143 0
17N/03E-18Q01 M 6-24-71 5050 0750 5050	64	7.4 7.1	620 610	45 2.24 31	48 3.95 55	22 0.96 14	0.7 0.02 0	0	410 6.72 93	4.0 0.08 1	1.1 0.03 1	23 0.37 5		0.0		364	310 0
17N/03E-20C01 M 6-24-71 0830 5050	64	7.1	330														
17N/04E-16M01 M 6-24-71 0930 5050	68	6.8	245														
18N/01E-14R01 M 6-24-71 1200 5050	67	7.4	303														
18N/02E-12G01 M 6-24-71 5050 1120 5050	65	7.7 7.0	278 278			0.48 16		0	176 2.88		3.6 0.10	*					125 0
18N/02E-13R05 M 6-23-71 1700 5050	68	7.2	170														
18N/02E-14K01 M 6-24-71 1135 5050	68	7.4	252														
18N/03E-25J01 M 6-24-71 0900 5050	67	7.1	187														٠ ١
18N/03E-29P01 M 6-23-71 1450 5050	66	7.3	220														
18N/03E-33N01 M 6-23-71 5050 1430 5050	66	7.7 7.4	256 258	0.85 31	16 1.29 47	12 0.52 19	3.0 0.08 3	0	156 2.56 95	0.0	4.8 0.14 5	0.1		0.0		172	107
18N/04E-07A01 M 6-24-71 1015 5050	67	7.1	155														
18N/04E-21P01 M 6-24-71 5050 1000 5050	65	7.2 7.1	300 300	28 1.40 43	17 1.38 43	10 0.44 13	0.6 0.02 1	0	164 2.69 86	2.6 0.05 1	6.7 0.19 6	13 0.21 7		0.0		188	139 5
18N/04E-28M01 M 6-23-71 5050 0910 5050	71	8.1 8.2	2610 2580			519 22.58 90		0	157 2.57		288 8.12						119
19N/02E-16R01 M 6-24-71 1245 5050	68	7.3	235														
19N/04E-06P01 M 6-29-71 1315 5050	71	7.2	200														
19N/04E-07P01 M 66-28-71 5701 5701	68	7.60	503	40 1.98 39	18 1.44 29	36 1.57 31	2.7 0.07 1	0.6 0.02 0	182 2.98 60	40 0.83 17	37 1.04 21	8 0.12 2	0.23		36	310	171 21
19N/04E-20C01 M 6-28-71 5701 5701	70	7.30	378	26 1.32 32	19 1.52 37	29 1.26 30	1.3 0.03 1	0.3 0.01 0	192 3.15 79	0.25 6	0.39 10	0.18 5	0.26		45	254	142

State We	II Number Lab	Temp.	pH Lob	EC Lob		Mineral	Constitu	ents in		Milliequ	ms per L vivalents r Reactan	per Lite			Milli	groms pe	r Liter	
	Sompler		Field	Field	Со	Mg	Na	К	CO 3	HCO ₃		CI	ΝО3	F	В	SiO ₂	TDS SUM	TH NCH
BUTTE COUNT	Y 5-21.03 (Con	tinued)																
19N/04E- 6-29-71		71	7.30	389	26 1.28 31	19 1.52 36	31 1.35 32	1.5 0.04 1	0.3 0.01 0	197 3.23 79	13 0.27 7	13 0.37 9	0.19 5	1.01		43	258	140
20N/01E- 6-24-71 1325		65	7.5 7.0	654 670					0	348 5.70		18 0.51	43 0.69					336 51
20N/02E- 6-24-71 1300		72	7.4	610														
20N/03E- 6-29-71 1210		66	6.1	170														
21N/01E- 6-20-71 0945		66	7.0 7.0	651 650	54 2.69 37	46 3.78 52	18 0.78 11	0.8 0.02 0	0	329 5.39 74	27 0.56 8	0.28 4	62 1.00 14		0.0		412	324 54
21N/02E- 6-30-71 0810		64	7.1 6.8	487 490	36 1.80 34	36 2.92 55	0.61 11	0.3 0.01 0	0	219 3.59 68	33 0.69 13	8.4 0.24 5	45 0.72 14		0.0		364	236 57
21N/02E- 6-30-71 0745		66	7.0 6.8	487 488	40 2.00 38	33 2.74 52	12 0.52 10	0.5 0.01 0	0	215 3.52 67	30 0.62 12	9.5 0.27 5	50 0.81 16		0.0		379	237 61
21N/03E- 6-29-71 1230		69 .	6.8	220														
21N/03E- 6-29-71 1245		68	6.5	258														
21N/01W- 6-24-71 1425		66	7.1	455														
22N/01E- 6-29-71 0945		65	6.8	355														
22N/01E- 6-29-71 0930		66	7.3 7.1	302 295	20 1.00 32	14 1.12 36	0.96 31	0.8 0.02 1	0	135 2.21 73	5.9 0.12 4	6.8 0.19 6	32 0.52 17		0.1		210	106 0
22N/01E- 7-04-71 		66	7.80	271	22 1.12 41	12 0.98 35	14 0.61 22	1.8 0.05 2	0.6 0.02 1	128 2.10 75	5 0.11 4	0.31 11	16 0.26 9	0.00		43	190	105 0
22N/01E- 5-12-71		65	7.70 	447 	44 2.18 45	21 1.76 37	19 0.83 17	2.2 0.06 1	0.9 0.03 1	250 4.09 85	10 0.21 4	0.39 8	7 0.12 2	0.12		53	296	197 0
22N/01E- 7-06-71	5701	67	8.05	234	0.86 34	10 0.82 33	17 0.74 30	2.7 0.07 3	0.6 0.02 1	133 2.18 86	3 0.07 3	0.23 9	0.02 1	0.12		51	177	84
22N/02E- 6-29-71 1045		63	7.1	215														
23N/01W- 6-29-71 0900	5050	64	7.0 6.8	591 590	49 2.44 37	44 3.59 54	0.56	1.6 0.04 1	0	258 4.23 66	50 1.04 16	9.2 0.26 4	56 0.90 14		0.0		386	302 90
COLUSA COUN	TY 5-21.04																	
13N/01E- 6-22-71 1010		66	7.3 7.1	307 315	28 1.40 43	16 1.28 39		2.9 0.07 2	0	194 3.18 97	0.3 0.01 0	2.8 0.08 3	0.8 0.01 0		0.0		187	134
	-06Q01 M 1 5050 5050	68	8.0 7.1	1450 1430					0	286 4.69			34 0.55					520 285
6-28-7	-07A01 M l 5050	72	7.4	1350														
13N/01W- 6-22-71 1050		70	7.5	430														
	-36Q02 M 1 5050 5050	70	8.1 7.4	481 475					0	200 3.28		46 1.30						164 0

c w			T	T			<u> </u>		Milligro	ms per L	iter	4167	` 	м;11:	grams pe	Litar	
State Well Number Date Lab Time Sampler	Temp.	pH Lab Field	EC Lab Field		Mineral	Constitu	ents in		Milliequ Percent	uivalents t Reactar	per Lite nce Value	r :		Mill		TDS	TH
Time Sampler	<u> </u>		1	Ca	Mg	Na	К	CO 3	HCO3	SO ₄	CI	и03	F	В	SiO ₂	SUM	NCH
COLUSA COUNTY 5-21.04 (C	ontinued	1)															
13N/02W-26A01 M 6-22-71 5050 1105 5050	71	8.1 7.6	718 720					0	297 4.87		80 2.26	18 0.29					271 27
13N/02W-26G01 M 6-22-71 5050 1115 5050	72	7.9 7.6	566 570			44 1.91 31		0	297 4.87								209 0
14N/01E-16K01 M 6-22-71 0950 5050	68	7.6	560														
14N/01W-02D01 M 6-22-71 0930 5050	66	7.4	1150														
14N/02W-29J01 M 6-23-71 0855 5050	78	7.1	268														
14N/02W-35P01 M 6-22-71 1145 5050	69	7.5	 545														
14N/03W-11A01 M 6-23-71 5050 0800 5050	69	7.7 7.5	625 600	51 2.54 39	16 1.34 20	60 2.61 40	1.4 0.04 1	0	208 3.41 52	80 1.66 25	47 1.32 20	9.7 0.16 3		0.2		340	194 24
15N/02W-32R01 M 6-23-71 0745 5050	66	7.2	690														
15N/03W-01R01 M 6-21-71 5050 1310 5050	70	7.6 7.6	1000 1060	38 1.90 18	34 2.80 26	140 6.09 56	1.4 0.04 0	0	380 6.23 58	101 2.10 19	88 2.48 23	0.0		0.4		603	237 0
15N/03W-26L01 M 6-21-71 5050 1255 5050	71	7.5 7.3	685 700	49 2.44 33	21 1.72 24	73 3.18 43	0.6 0.02 0	0	293 4.80 66	57 1.19 16	38 1.07 15	0.18 3		0.2		371	208 0
16N/01W-19F03 M 6-22-71 5050 0800 5050	63	8.3 8.0	384 380	10 0.50 12	10 0.86 20	65 2.83 67	0.7 0.02 1	0	246 4.03 95	0.0	7.0 0.20 5	0.2		0.2		249	68 0
16N/01W-29J01 M 6-21-71 1605 5050	79	7.8	450														
16N/01W-31Q01 M 6-21-71 5050 1615 5050	67	8.1 7.6	2220 2400			367 16.36 64		0	722 11.83								457 0
16N/02W-04H01 M 6-21-71 1410 5050	68	7.6	590														
16N/02W-25B02 M 6-22-71 0830 5050	65	7.4	1230														
16N/02W-25B03 M 6-22-71 0845 5050	68	7.3	1100														
16N/02W-35B01 M 6-22-71 5050 0735 5050	68	8.2 7.5	686 650	18 0.90 13	24 1.94 28	95 4.13 59	1.0 0.03 0	0	271 4.44 62	76 1.58 22	39 1.10 16	0.5 0.01 0		0.3		420	142 0
16N/03W-09N01 M 6-21-71 1120 5050	77	7.6	590														
17N/01W-30K03 M 6-21-71 1530 5050	68	7.8	530														
17N/02W-12C01 M 6-21-71 5050 1430 5050	69	8.3 7.7	492 510	40 2.00 35	25 2.02 35	38 1.65 29	1.0 0.03 1	0	324 5.31 95	6.7 0.14 2	5.3 0.15 3	0.1 0.00		0.2		264	201
17N/02W-30J02 M 6-21-71 5050 1345 5050	68	8.2 7.4	1710 1780	66 3.29 18	57 4.66 26	234 10.18 56	1.9 0.05 0	0	386 6.33 35	340 7.08 39	166 4.68 26	4.8 0.08 0		0.2		1130	398 81
17N/02W-36P02 M 6-21-71 5050 1420 5050	64	8.3	690 800	37 1.85 24	38 3.11 39	66 2.87 36	2.1 0.05 1	0	370 6.06 78	45 0.94 12	25 0.71 9	2.2 0.04 1		0.3		394	248 0
17N/03W-32M01 M 6-21-71 1100 5050	72	7.4	610														

State Well Number Date Lab	Temp.	pH Lab	EC Lob		Mineral	Canstitue	ents in		Milliequ	ms per Li ivalents Reactan	per Liter			Milli	groms per		
Time Sampler		Field	Field	Ca	Mg	No	К	CO 3	HCO ₃		CI	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
COLUSA COUNTY 5-21.04 (C	ontinued	1)															
17N/03W-33R01 M 6-21-71 0905 5050	71	7.5	950														
17N/03W-33R02 M 6-21-71 0910 5050	68	7.3	910														
SUTTER COUNTY 5-21.05																	
11N/03E-24D01 M 8-13-71 5050 0900 5050	64	8.0 7.5	621 640			54 2.35 32		0	401 6.57		9.5 0.27						246 0
11N/04E-04R02 M 8-12-71 5050 1500 5050	67	7.9 7.3	674 650	55 2.74 37	37 3.01 41	43 1.65 22	0.8 0.02 0	0	360 5.90 81	15 0.31 4	34 0.96 13	9.6 0.15 2		0.1		384	288 0
11N/04E-35J01 M 8-13-71 5050 0730 5050	69	8.2 7.9	304 305	21 1.05 33	8.4 0.69 21	33 1.44 45	1.3 0.03 1	0	146 2.39 78	1.0 0.02 1	21 0.59 19	3.2 0.05 2		0.2		194	87 0
12N/04E-25N01 M 8-13-71 5050 0815 5050	66	7.9 7.5	354 360			18 0.78 20		0	189 3.10		12 0.34						157 2
13N/04E-33J01 M 8-12-71 5050 1430 5050	73	7.8 7.4	561 550			24 1.04 17		0	309 5.06		27 0.76						263 10
14N/01E-24N01 M 8-12-71 5050 0930 5050	67	7.5	480			35 1.52 28		0	272 4.46		8.6 0.24						192 0
14N/02E-13L01 M 8-12-71 5050 1200 5050	67	7.9 7.7	367 . 370			25 1.09 26		0	236 3.87		2.4 0.07						156 0
14N/03E-06A02 M 8-12-71 5050 1230 5050	69	7.9 7.7	732 710			49 2.13 25		0	431 7.06		8.1 0.23						328 0
15N/01E-35G01 M 8-12-71 5050 0900 5050	67	8.0 7.3	548 560			0.52 9		0	345 5.65		11 0.31						260 0
15N/02E-01R01 M 8-12-71 5050 1310 5050	70	8.1 7.3	327 330			11 0.48 14		0	179 2.93		4.3 0.12						152 6
15N/02E-22D01 M 8-11-71 5050 1400 5050	67	7.9 7.5	274 275			18 0.78 27		0	147 2.41		9.3 0.26						106 0
15N/03E-15H04 M 8-12-71 5050 1345 5050	69	7.6 7.1	878 970			22 0.96 10		0	475 7.78		57 1.61						448 59
15N/01W-13R01 M 8-12-71 5050 0830 5050	74	7.6 7.3	500 510	42 2.10 38	32 2.62 47	18 0.78 14	2.1 0.05 1	0	278 4.56 84	20 0.42 8	16 0.45 8	0.6 0.01 0		0.1		290	236 8
16N/01E-05C01 M 8-11-71 5050 1230 5050	68	8.0 7.3	384 380	27 1.35 34	21 1.69 42	20 0.87 22	4.0 0.10 2	0	177 2.90 75	0.23 6	0.62 16	8.7 0.14 3		0.0		271	152 7
16N/02E-02R01 M 8-11-71 5050 1030 5050	67	8.0 7.5	418 390			0.61 13		0	239 3.92		7.6 0.21						205 9
16N/03E-04E01 M 8-11-71 5050 1000 5050	66	. 7.8 7.3	253 255			0.52 19		0	134 2.20		2.8 0.08						109 0
YUBA COUNTY 5-21.06																	
13N/04E-02A02 M 8-06-71 5050 0900 5050	68	8.0 7.3	286 285			18 0.78 26		0	123 2.02		20 0.56						111
14N/04E-14J02 M 8-06-71 5050 1000 5050	73	7.8 7.3	197 190			13 0.56 28		0	95 1.56		10 0.28						71 0
14N/05E-32R03 M 8-06-71 5050 0815 5050	68	7.9 7.3	283 280			13 0.56 19		0	132 2.16		14 0.39						118 10

				1712	/ (1 1/			<u> </u>				41ER					
State Well Number Date Lab	Temp.	pH Lob	EC Lob		Mineral	Constitu	ents in		Milliequ		iter per Liter nce Value			Milli	grams pe		
Time Sampler		Field	Field	Со	Mg	No	К	CO 3	HCO ₃	SO ₄	C I	NO ₃	F	В	SiO ₂	TDS SUM	TH
YUBA COUNTY 5-21.06 (Cont	inued)																
15N/03E-13F01 M 8-06-71 5050 1200 5050	68	8.0 7.5	329 300			18 0.78 22		0	163 2.67		15 0.42						135 2
16N/03E-36E02 M 8-11-71 5050 0745 5050	65	7.9 7.3	627 630			17 0.74 11		0	344 5.64		12 0.34						315 33
16N/04E-34E01 M 8-06-71 5050 1240 5050	71	7.8 7.3	240 230			8.7 0.38 15		0	107 1.75		1.9						107 40
17N/03E-35R01 M 8-11-71 5050 0900 5050	67	7.9 7.5	423 410	36 1.80 38	25 2.08 44	17 0.74 16	4.4 0.11 2	0	247 4.05 87	18 0.37 8	8.2 0.23 5	0.3		0.1		245	194 0
PLACER COUNTY 5-21.07																	
10N/05E-04Q01 M 8-04-71 5050 1500 5050	70	7.9 7.5	272 275	16 0.80 29	7.8 0.64 23	30 1.31 47	1.7 0.04 1	0	114 1.87 71	1.6 0.03 1	24 0.68 26	4.0 0.06 2		0.3		192	72 0
10N/06E-02K01 M 5-14-71 5210 0815 5050	68	344 390	7.7 6.8	25.6 1.28 40	12.6 1.04 32	19.0 0.83 26	2.3 0.06 2		146 2.39 72	3.6 0.07 2	24.0 0.68 20	12.0 0.19 6		0.0		260	116 0
10N/06E-12M01 M 5-14-71 5210 0845 5050	68	476 350	7.3 7.0	32.0 1.60 34	11.2 0.92 20	49.0 2.13 45	2.0 0.05 1		139 2.28 50	17.0 0.35 8	65.5 1.85 41	2.6 0.04 1		0.8		332	126 12
11N/05E-17E01 M 8-04-71 5050 1400 5050	71	8.0 7.5	244 240			22 0.96 37		0	113 1.85		15 0.42						76 0
11N/06E-35P01 M 5-14-71 5210 0830 5050	67	299 350	7.5 7.0	27.2 1.36 43	10.2 0.84 26	21.5 0.94 29	1.9 0.05 2		146 2.39 78	5.4 0.11 4	16.0 0.45 15	5.6 0.09 3		0.1		226	110 0
12N/05E-03A01 M 8-05-71 5050 1100 5050	70	7.6 7.5	176 175	11 0.55 30	6.7 0.55 29	17 0.74 40	0.9 0.02 1	0	95 1.56 89	0.0	6.6 0.19 11	0.3		0.1		148	55 0
12N/05E-17H01 M 8-05-71 5050 0930 5050	71	7.8 7.3	178 180			17 0.74 41		0	93 1.52		6.5 0.18	*					54 0
13N/06E-16D01 M 8-06-71 5050 0615 5050		7.3 6.5	129 130			0.48 38		0	47 0.77		5.7 0.16						39
SACRAMENTO COUNTY 5-21.08																	
05N/03E-13B01 M 6-01-71 5210 1300 5050	62	8.2 7.6	858	25.6 1.28 13	43.7 3.60 35	118 5.13 51	3.6 0.09 1		571 9.36 96	0.0	14.0 0.39 4	0.0		0.8		530	244
05N/04E-16E02 M 6-01-71 5210 1330 5050	65	8.2 7.6	912	12.8 0.64 7	4.4 0.36 4	175 7.61 88	3.2 0.08 1		207 3.39 40	0.0	180 5.08 60	0.0		1.2		503	50 0
05N/04E-16R02 M 6-02-71 5210 1340 5050	61	8.5 7.6	219 215	4.0 0.20 10	1.0 0.08 4	38.0 1.65 84	1.2 0.03 2		101 1.66 90	0.0	6.5 0.18 10	0.0		0.2		147	14 0
05N/04E-22H01 M 6-02-71 5210 1720 5050	68	8.7 7.4	180 150	12.0 0.60 32	8.3 0.68 36	13.0 0.57 30	1.7 0.04 2		92 1.51 89	0.6 0.01 1	6.0 0.17 10	0.0		0.0		138	64
05N/04E-26K01 M 6-01-71 5210 1615 5050	62	8.2 7.6	383 450	8.0 0.40 9	4.8 0.40 9	86.0 3.74 81	1.4 0.04 1		218 3.58 90	0.0	15.0 0.42 . 10	0.0		0.5		244	40 0
05N/05E-17A02 M 6-02-71 5210 1300 5050	65	8.5 7.6	943	70.4 3.51 31	62.2 5.13 45	61.0 2.65 24	0.9 0.02 0		195 3.20 36	19.0 0.40 4	188 5.30 60	0.0		0.1		620	432 272
05N/06E-15C03 M 6-02-71 5210 1120 5050	70	8.0 7.5	196 220	12.0 0.60 30	7.3 0.60 30	17.0 0.74 37	2.2 0.06 3		106 1.74 88	1.5 0.03 2	7.0 0.20 10	0.0		0.0		151	60
05N/06E-17D01 M 6-02-71 5210 1205 5050	70	8.0 7.5	207 220	10.4 0.52 24	3.4 0.28 13	30.0 1.31 61	1.6 0.04 2		110 1.80 88	0.0	9.0 0.25 12	0.0		0.1		176	40
05N/07E-08J01 M 6-02-71 5210 1018 5050	65	7.9 7.4	142 170	8.8 0.44 33	4.4 0.36 27	12.0 0.52 38	1.2 0.03 2		63 1.03 75	0.0	6.0 0.17 12	11.0 0.18 13		0.0		157	40

					7 11 17		ol S		Milligra	ms per L		1161		Milli	grams per	Liter	
State Well Number Date Lab Time Sompler	Temp.	pH Lob Field	EC Lob Field		Mineral	Canstitue	ents in			ivolents Reactan	per Liter ce Value			milii	groms per	TDS	ТН
Time Sompler		1 1610	1 1610	Co	Мд	No	К	CO 3	HCO ₃	SO ₄	CI	NO ₃	F	В	SiO ₂	SUM	NCH
SACRAMENTO COUNTY 5-21.08	(Conti	nued)															
05N/07E-08M02 M 6-02-71 5210 1100 5050	66	7.7 7.2	199 220	12.0 0.60 30	7.3 0.60 30	17.0 0.74 38	1.3 0.03 2		92 1.51 77	0.0	8.5 0.24 12	13.0 0.21 11		0.0		188	60 0
05N/07E-11R02 M 7-27-71 5050 1330 5050	70	7.5 7.3	150 150			25 1.09 69		0	65 1.06		8.6 0.24						0
05N/07E-12P01 M 6-02-71 5210 0910 5050	63	7.7 7.2	160 187	8.0 0.40 23	4.8 0.40 23	20.0 0.87 51	1.4 0.04 3		71 1.16 73	0.0	7.0 0.20 13	14.0 0.23 14		0.0		188	40 0
05N/08E-16L01 M 6-02-71 5210 0830 5050	60	7.3 6.6	395 460	38.4 1.92 47	16.5 1.36 33	16.0 0.70 17	4.8 0.12 3		151 2.48 60	55.0 1.14 27	12.0 0.34 8	13.0 0.21 5		0.0		309	164 40
06N/05E-03F01 M 7-28-71 5050 0700 5050	64	7.7 7.3	484 480			0.83 16		0	281 4.60		15 0.42						222 0
06N/05E-31L03 M 7-28-71 5050 0800 5050	67	8.0 7.9	267 270			0.91 31		0	150 2.46		12 0.34						101 0
06N/06E-23C02 M 7-28-71 5050 0930 5050	67	7.7 7.1	251 250			18 0.78 31		0	117 1.92		13 0.37						88 0
06N/06E-33J02 M 7-29-71 5050 0700 5050	67	7.6 - 7.3	209 210	12 0.60 28	9.0 0.74 35	17 0.74 35	1.7 0.04 2	0	89 1.46 72	9.5 0.20 10	9.6 0.27 13	5.7 0.09 5		0.0		178	67 0
06N/08E-21P03 M 7-27-71 5050 1430 5050	75	7.7 7.3	196 195	2.7 0.13 6	1.7 0.14 7	38 1.65 83	2.8 0.07 4	0	80 1.31 71	15 0.31 17	5.8 0.16 8	4.2 0.07 4		0.1		191	14 0
06N/08E-29H01 M 5-05-71 5210 1300 5050	78	7.8 7.6	151 155	4.0 0.20 13	2.9 0.24 16	22.0 0.96 64	3.9 0.10 7		71 1.16 82	2.5 0.05 3	4.0 0.11 8	6.4 0.10 7		0.0		174	22 0
07N/05E-03N01 M 7-28-71 5050 1500 5050	70	7.7 7.5	186 185			12 0.52 28		0	90 1.48		8.8 0.25						67 0
07N/06E-10Q01 M 7-28-71 5050 1330 5050	69	7.6 7.3	203 200			17 0.74 36		0	105 1.72		7.5 0.21						66 0
07N/07E-08B01 M 8-03-71 5050 0700 5050	69	7.4 7.0	222 255	9.8 0.49 21	7.9 0.65 27	28 1.22 51	1.1 0.03 1	0	124 2.03 90	1.2 0.02 1	6.2 0.17 7	3.0 0.05 2		0.0		188	57 0
07N/07E-14R01 M 7-28-71 5050 1200 5050		7.6 7.1	240 240			9.6 0.42 18		0	127 2.08		4.7 0.13						106 2
07N/07E-33G01 M 7-28-71 5050 1030 5050	69	7.5 7.1	261 260			15 0.65 24		0	122 2.00		16 0.45						102 2
07N/08E-10K01 M 5-05-71 5210 0840 5050	61	7.2 6.0	2970	232 11.58 39	124 10.22 35	170 7.40 25	8.0 0.20 1		93 1.53 5	174 3.62 13	800 22.56 79	58.0 0.93 3		0.2		2380	1090 1014
07N/08E-10K02 M 5-21-71 5210 1415 5050	*-	8.0 7.0	1100	80.0 3.99 35	26.7 2.21 19	115 5.00 44	6.6 0.17 2		139 2.28 21	245 5.10 47	126 3.55 32	0.0		0.4		787	310 196
07N/09E-07D01 M 5-05-71 5210 0910 5050	65	5.9 6.0	522 535	24.0 1.20 21	22.9 1.88 33	59.0 2.57 45	1.2 0.03 1		0.36 6	52.0 1.08 19	150 4.23 72	12.0 0.19 3		0.0		383	154 136
07N/09E-31K01 M 5-05-71 5210 1200 5050	59	8.2 7.6	389 440	9.6 0.48 13	1.5 0.12 3	72.0 3.13 81	4.8 0.12 3		117 1.92 51	58.0 1.21 32	20.5 0.58 16	1.1 0.02 1		2.1		306	30 0
08N/05E-06H01 M 8-03-71 5050 1300 5050	66	8.0 7.7	461 450			22 0.96 22		0	154 2.52		66 1.86						171 45
08N/07E-18E01 M 8-02-71 5050 1030 5050	71	7.6 7.7	166 170	12 0.60 35	7.3 0.60 35	11 0.48 27	2.1 0.05 3	0	96 1.57 92	. 0.0	4.2 0.12 7	0.5 0.01 1		0.1		135	60 0
09N/03E-01C01 M 5-13-71 5210 1300 5050	62	8.1 7.6	235 260	8.8 0.44 16	9.2 0.76 28	33.0 1.44 54	1.7 0.04 2		115 1.89 82	0.0	15.0 0.42 18	0.1		0.7		163	60
09N/05E-09F01 M 8-03-71 5050 1200 5050	69	7.6 7.3	251 250			16 0.70 27		0	111 1.82		18 0.51						93 2

		141	INL	\/L	711/	71.1	JLJ	01 (TER					
State Well Number Date Lab	Temp.	pH Lab	EC Lab		Mineral	Constitue	ents in		Milliegu	ms per L vivalents Reactan	per Liter			Milli	grams pei		7717
Time Sampler		Field	Field	Ca	Mg	Na	К	CO 3	HCO ₃	SO ₄	CI	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
SACRAMENTO COUNTY 5-21.0	8 (Conti	nued)															
09N/05E-14H03 M 5-14-71 5210 0925 5050	68	8.0 7.4	234 265	15.2 0.76 32	11.7 0.96 40	14.0 0.61 26	2.1 0.05 2		122 2.00 85	0.8 0.02 1	10.0 0.28 12	2.8 0.05 2		0.0		206	86
09N/05E-36H01 M 3-11-71 5050 5050	68	8.3	231 240	21 1.05 43	0.97 39	8.2 0.36 15	2.7 0.07 3	0	142 2.33 93	0.8 0.02 1	5.4 0.15 6	0.0		0.0		155	101
09N/05E-36R01 M 8-04-71 5050 1015 5050	69	7.7 7.4	228 230	20 1.00 43	0.88 38	8.3 0.36 15	3.7 0.09 4	0	115 1.88 83	4.0 0.08 4	7.6 0.21 9	5.3 0.09 4		0.0		165	94
09N/06E-01F01 M 6-08-71 5210 5702		7.6	335	26.4 1.32 39	14.4 1.20 35	19.0 0.83 24	3.1 0.08 2		155 2.54 76	5.3 0.11 3	16.0 0.45 14	14.0 0.23 7		0.0		246	126
09N/06E-02L01 M 6-08-71 5210 5702		7.5	358	28.2 1.41 38	16.0 1.27 35	22.0 0.96 26	1.1 0.03 1		146 2.39 68	11.0 0.23 7	20.0 0.56 16	19.0 0.31 9		0.0		280	134 15
09N/06E-34R01 M 8-02-71 5050 1200 5050	67	7.6 7.3	240 240			11 0.48 20		0	109 1.79		10 0.28						97 8
09N/07E-10D01 M 8-02-71 5050 1300 5050	61	7.7 7.5	296 285			8.3 0.36 12		0	159 2.61		9.7 0.27						137 7
09N/07E-18M03 M 5-11-71 5210 1455 5050	66	8.1 7.4	242 255	26.4 1.32 53	7.8 0.64 26	10.0 0.44 18	3.7 0.09 3		121 1.98 81	11.0 0.23 9	6.0 0.17 7	3.8 0.06 3		0.0		181	98
10N/04E-30A01 M 8-03-71 5050 1030 5050	64	7.8 7.3	469 460			39 1.70 34		0	263 4.31		15 0.42						163 0
10N/05E-14A01 M 5-13-71 5210 1400 5050	67	7.9 7.4	418 460	19.2 0.96 25	9.7 0.80 21	46.0 2.00 52	2.7 0.07 2		93 1.53 39	13.0 0.27 7	72.5 2.04 52	5.2 0.08 2		0.8		313	88 12
10N/05E-14Q02 M 5-13-71 5210 1435 5050	70	7.7 7.0	329 380	22.4 1.12 32	18.0 1.48 43	19.0 0.83 24	1.3 0.03 1		146 2.39 70	3.6 0.07 2	30.0 0.85 25	5.5 0.09 3		0.0		250	130
10N/05E-17H01 M 8-03-71 5050 0930 5050	70	7.6 7.4	318 320			26 1.13 37		0	104 1.70		40 1.13						95
10N/05E-30N01 M 5-13-71 5210 1330 5050	70	8.0 7.6	296 310	24.0 1.20 40	8.7 0.72 24	24.0 1.04 34	2.4 0.06 2		143 2.35 76	1.6 0.03 1	25.0 0.71 23	0.1 0.00 0		0.0		198	96
10N/06E-13N01 M 6-08-71 5210 5702		7.9	400	15.2 0.76 29	6.3 0.52 20	30.0 1.31 49	1.8 0.05 2		145 2.38 62	17.0 0.35 9	38.0 1.07 28	2.8 0.05 1		0.8		293	64
10N/06E-21C01 M 8-03-71 5050 0830 5050	69	7.5 6.9	258 260			14 0.61 24		0	90 1.48		27 0.76						94 20
10N/06E-22L01 M 6-08-71 5210 5050		7.5	404	17.6 0.88 22	13.6 1.12 28	43.0 1.87 48	2.3 0.06 2		144 2.36 61	5.3 0.11 3	45.0 1.27 33	6.8 0.11 3		0.3		293	100
10N/06E-23G01 M 6-08-71 5210 5702		7.7 	304	20.0 1.00 32	9.2 0.76 25	29.0 1.26 41	1.8 0.05 2		137 2.25 78	3.6 0.07 2	17.0 0.48 17	6.4 0.10 3		0.1		244	88
10N/07E-19F01 M 5-11-71 5210 1350 5050	64	7.5 6.8	312 350	24.0 1.20 38	12.2 1.00 31	22.0 0.96 30	1.6 0.04 1		143 2.35 75	1.5 0.03 1	18.5 0.52 17	13.0 0.21 7		0.0		240	110 0
YOLO COUNTY 5-21.09																	
07N/03E-06R01 M 8-17-71 5050 0700 5050	67	7.9 7.7	919 950			62 2.70 25		0	516 8.46		33 0.93						414
08N/02E-13H02 M 8-17-71 5050 0730 5050	64	7.8 7.7	1240 1300			72 3.13 22		0	507 8.31		110 3.10						539 124
08N/01W-20J02 M 8-17-71 5050 0945 5050	69	8.1 7.9	359 360			24 1.04 26		0	172 2.82		13 0.37						149 8
09N/02E-22H02 M 8-17-71 5050 0815 5050	66	8.1 7.7	2020 2000	42 2.10 9	8.53	310 13.49 56	1.2 0.03 0	0	992 16.26 69	149 3.10 13	133 3.75 16	30 0.48 2		7.4		1280	532 0

State Well Number Date Lab	Temp.	pH Lob	EC Lob		Mineral	Constitue	ents in		Milliequ	ms per L ivalents Reacton	per Liter			Milli	grams pe		
Time Sompler		Field	Field	Со	Mg	Na	К	CO 3	HCO ₃	SO ₄	CI	NO ₃	F	В	SiO ₂	TDS SUM	TH NCH
YOLO COUNTY 5-21.09 (Con	ntinued)																
09N/01W-21E01 M 8-17-71 5050 0915 5050	64	7.8 7.3	822 790			56 2.44 27		0	336 5.51		82 2.31						324 48
10N/01E-15H02 M 8-13-71 5050 1415 5050	66	7.9 7.7	514 510			36 1.57 29		0	233 3.82		32 0.90						195 4
10N/02E-17J03 M 8-13-71 5050 1200 5050	68	7.9 7.7	570 575			39 1.70 27		0	266 4.36		40 1.13						225 7
10N/03E-32E01 M 8-13-71 5050 1015 5050	68	8.1 7.7	586 600	29 1.45 23	22 1.85 29	69 3.00 47	1.9 0.05 1	0	279 4.57 74	0.46 7	41 1.16 19	0.7 0.01 0		1.9		333	165 0
10N/01W-27C01 M 8-17-71 5050 1430 5050	64	8.2 7.3	994 1000			56 2.44 22		0	456 7.47		75 2.12						421 48
10N/02W-01M02 M 8-18-71 5050 0815 5050	69	8.0 7.5	481 480	36 1.80 34	25 2.04 38	34 1.48 28	0.4 0.01 0	0	264 4.33 84	6.3 0.13 2	16 0.45 9	15 0.24 5		0.1		270	481 265
10N/02W-26M01 M 8-17-71 5050 1045 5050	70	8.1 7.3	851 850			62 2.70 29		0	360 5.90		52 1.47						338 43
11N/01E-16P01 M 8-13-71 5050 1315 5050	68	8.0 7.9	520 525			40 1.74 31		0	257 4.21		35 0.99						198 0
11N/02E-14F04 M 8-13-71 5050 1240 5050	69	8.0 7.9	520 510			58 2.52 43		0	281 4.60		24 0.68						166 0
12N/01W-21A01 M 8-18-71 5050 0915 5050	70	8.4 7.9	409 410			17 0.74 16		5 0.17	256 4.20		3.9 0.11						196 0
SOLANO COUNTY 5-21.11																	
04N/03E-31F02 M 8-04-71 5050 0945 5050	64	8.5 8.1	800 810	20 1.00 13	21 1.76 22	117 5.09 65		8 0.27	3.25 5.33		82 2.31						138 0
05N/01E-23R01 M 7-23-71 5050 1530 5050	67	8.3 8.1	738 745	7.2 0.36 5	8.5 0.70 9	156 6.79 86	0.4 0.01 0	0	344 5.64 71	74 1.54 20	26 0.73 9	0.2 0.00 0		1.0		472	53 0
05N/01E-35B01 M 8-12-71 5050 1615 5050	6.5	8.5 7.4	1570 1610	78 3.89 25	52 4.30 27	173 7.52 48	0.4 0.01 0	19 0.63 4	284 4.65 29	88 1.83 11	275 7.76 49	70 1.13 7		0.6		876	410 146
06N/01E-13J02 M 8-03-71 5050 1715 5050	69	8.3 7.7	712 710	28 1.40 18	32 2.66 34	87 3.78 48	0.5 0.01 0	0	369 6.05 77	38 0.79 10	35 0.99 13	2.5 0.04 0		0.4		413	203 0
06N/01W-23L01 M 8-03-71 5050 1400 5050	67	8.4 7.5	560 550	50 2.50 42	20 1.68 28	41 1.78 30		0.13	277 4.54		16 0.45						209 0
07N/02E-18R02 M 8-03-71 5050 1630 5050	66	8.0 7.7	1290 1380	30 1.50 9	147 12.05 77	49 2.13 14	1.3 0.03 0	0	823 13.49 85	39 0.81 5	32 0.90 6	45 0.72 4		0.7		717	678 1
07N/01W-14P03 M 8-03-71 5050 1515 5050	70	8.2 7.5	371 365	2.04 51	8.5 0.70 17	29 1.26 31	0.6 0.02 1	0	193 3.16 80	18 0.37 9	9.9 0.28 7	8.6 0.14 4		0.0		237	137 0
SAN JOAQUIN VALLEY 5-22	.00																
SAN JOAQUIN COUNTY 5-22	.01																
01N/07E-17P01 M 7-16-71 5050 0800 5050	69	7.9 7.6	316 315			20 0.87 29		0	132 2.16		27 0.76						107 0
01N/08E-15J01 M 7-22-71 5050 1000 5050	68	7.9 7.2	291 290			16 0.70 24		0	148 2.42		14 0.39						113
01N/09E-16F01 M 7-22-71 5050 0930 5050	67	8.1 7.1	221 220			0.48 22		0	100 1.64		12 0.34						83 1

State Well Number Date Lab	Temp.	pH Lab	EC Lob		Mineral	Constitu	ents in		Milliego		iter per Liter ce Value			Milli	grams per		
Time Sampler		Field	Field	Ca	Mg	Na	К	CO ₃	HCO ₃	SO ₄	C I	NO3	F	В	SiO ₂	TDS SUM	TH NCH
SAN JOAQUIN COUNTY 5-22	.01 (Con	tinued)															
02N/06E-16C02 M 5-13-71 5050 1440 5050	64	8.2 7.8	546 510	60 2.99 51	24 1.97 34	18 0.78 13	3.4 0.09 2	0	227 3.72 65	52 1.08 19	32 0.90 15	2.6 0.04 1		0.0		374	248 62
02N/07E-12J02 M 7-23-71 5050 1230 5050	66	8.0 7.1	856 850	94 4.69 50	39 3.22 34	32 1.39 15	5.4 0.14 1	0	369 6.05 64	65 1.35 14	21 0.59 6	93 1.50 16		0.1		548	396 94
02N/07E-20E04 M 7-22-71 5050 1330 5050	73	7.7 7.4	363 350			16 0.70 19		0	1.87 3.07		7.6 0.21						151 0
02N/08E-21J01 M 7-22-71 5050 1230 5050	68	7.9 7.3	251 250			13 0.56 22		0	147 2.41		4.6 0.13						99 0
03N/06E-17H03 M 7-23-71 5050 0915 5050	68	7.9 7.3	385 380			24 1.04 25		0	214 3.51		9.4 0.26						155 0
03N/07E-16C06 M 7-23-71 5050 1050 5050	69	7.6 7.3	297 300	27 1.35 43	9.6 0.79 25	22 0.96 30	2.1 0.05 2	0	142 2.33 77	14 0.29 10	0.31 10	6.2 0.10 3		0.1		207	107
03N/08E-15A02 M 7-26-71 5050 0945 5050	70	7.7 7.3	166 170			17 0.74 46		0	80 1.31		7.1 0.20						43
04N/05E-13R03 M 6-07-71 5050 1400 5050	71	7.9 7.6	1250	116 5.79 41	51 4.16 30	92 4.00 29	1.0 0.03 0	0	498 8.16 59	73.4 1.53 11	108 3.05 22	68 1.10 8		0.1		799	498 90
04N/05E-17M02 M 6-07-71 5050 1700 5050	65	8.0 7.6	570 750	24 1.19 21	16 1.35 23	74 3.22 56	0.8 0.02 0	0	231 3.79 65	0.0	73 2.06 35	0.0		0.3		316	127 0
04N/05E-24J03 M 7-27-71 5050 0900 5050	69	7.9 7.7	404 400	33 1.65 36	15 1.25 27	38 1.65 36	0.6 0.02 1	0	245 4.02 90	10 0.21 5	6.6 0.19 4	2.2 0.04 1		0.1		257	145
04N/06E-16J03 M 6-07-71 5050 1335 5050	64	7.2 6.8	422 500	31 1.57 36	20 1.65 37	26 1.13 26	1.1 0.03 1	0	179 2.93 68	16 0.33 8	27 0.76 17	18 0.29 7		0.0		286	161 14
04N/06E-16R07 N 7-23-71 5050 0830 5050	66	7.7 7.3	208 210			13 0.56 27		0	115 1.88		4.3 0.12						76 0
04N/06E-24L04 M 6-07-71 5050 1300 5050	70	7.5 7.2	537 600	44 2.22 39	28 2.30 41	24 1.04 18	4.6 0.12 2	0	255 4.18 74	20 0.42 7	33 0.93 16	9.8 0.16 3		0.0		354	226 17
04N/06E-24L05 M 6-07-71 5050 1300 5050	67	7.7 7.2	317 330	24 1.19 39	16 1.30 43	10 0.44 14	4.8 0.12 4	0	149 2.44 78	7.9 0.16 5	16 0.45 14	6.4 0.10 3		0.0		238	124 2
04N/07E-14R06 M 6-07-71 5050 1145 5050	65	7.4 6.9	346 400	25 1.23 36	14 1.14 34	23 1.00 29	1.7 0.04 1	0	134 2.20 64	0.7 0.01 0	36 1.01 30	0.19 6		0.0		256	118
04N/07E-15E01 M 7-26-71 5050 1500 5050	68	7.5 7.1	375 360			23 1.00 27		0	155 2.54		28 0.79						136 9
04N/07E-20H03 M 6-07-71 5050 5050	70	7.6 7.2	288 320	22 1.09 38	13 1.03 35	17 0.74 25	2.4 0.06 2	0	130 2.13 73	10 0.21 7	14 0.39 14	0.18 6		0.1		232	106
04N/07E 23B04 M 6-07-71 5050 1035 5050	64	7.6 7.2	209 240	14 0.68 32	8.8 0.72 34	15 0.65 30	3.2 0.08 4	0	120 1.67 82	0.0	0.31 15	4.3 0.07 3		0.0		190	70 0
04N/07E-29E02 M 7-27-71 5050 1030 5050	68	7.8 7.3	312 330	23 1.15 36	13 1.11 35	20 0.87 27	2.2 0.06 2	0	131 2.15 70	0.29 9	17 0.48 16	9.7 0.16 5		0.1		228	113 6
04N/08E-17J01 M 6-07-71 5050 1000 5050	63	7.5 7.0	278 310	22 1.12 39	12 1.02 35	15 0.65 22	4.5 0.12 4	0	140 2.29 83	6.4 0.13 5		5.1 0.08 3		0.1		205	107
04N/08E-22K02 M 7-26-71 5050 1215 5050	73	7.6 7.1	232 230			0.52 22		0	119 1.95		3.8 0.11						91 0
04N/08E 29E04 M 7-26-71 5050 1045 5050	65	7.8 7.1	319 315	24 1.20 36		18 0.78 23	3.8 0.10 3	0	161 2.64 81		18 0.51 15	1.9 0.03 1		0.0		225	123

State Well Nu Date	mber Lab	Temp.	pH Lob	EC Lob		Mineral	Constitu	ents in		Milliego		iter per Liter ce Value			Milli	grams per		_
Time Som	pler		Field	Field	Со	Mg	No	К	CO ₃	HCO ₃	SO ₄	C I	NO3	F	В	SiO ₂	TDS SUM	NCH
SAN JOAQUIN COU	NTY 5-22.0	1 (Cont	inued)															
05N/08E-26P0 7-26-71 50 1345 50	50	72	7.7 7.3	136 135	7.4 0.37 28	4.5 0.37 27	0.52 39	3.0 0.08 6	0	59 0.97 77	0.0	5.6 0.16 13	7.7 0.12 10		0.1		151	37 0
01S/06E-23C0 5-13-71 50 1220 50	50	68	8.3 7.9	577 560	39 1.95 34	9.4 0.77 14	66 2.87 51	2.6 0.07	0	150 2.46 45	8.9 0.19 3	101 2.85 52	0.0		0.2		324	136 13
01S/07E-21G0 7-14-71 50 1200 50	50	69	8.0 7.7	296 290			20 0.87 30		0	122 2.00		3.8 0.11						102 2
01S/08E-16R0 7-16-71 50 1415 50	50	70	8.0 7.7	355 350			20 0.87 24		0	188 3.08		12 0.34						135 0
01S/09E-16P0 7-16-71 50 1300 50	50	74	7.9 7.3	461 460			22 0.96 20		0	238 3.90		24 0.68						192 0
02S/05E-25D0 7-14-71 50 1000 50	50	70	7.8 7.5	1570 1600			123 5.35 34		0	206 3.38		239 6.74						523 354
02S/06E-20M0 5-13-71 50 0900 50	50	66	8.0 7.5	3290 3500	225 11.23 28	121 9.95 25	425 18.49 47	2.8 0.07 0	0	375 6.15 16	954 19.84 51	438 12.35 32	36 0.58 1		4.6		2550	1060 752
02S/09E-19B0 7-22-71 50 0830 50	50	67 .	7.3 7.4	215 215	18 0.90 43	6.8 0.56 27	13 0.57 27	2.8 0.07 3	0	75 1.23 61	18 0.37 18	4.0 0.11 5	20 0.32 16		0.1		176	73 12
03S/05E-11D0 5-13-71 50 0800 50	50	66	7.9 7.5	1310 1400	98 4.89 38	35 2.88 22	117 5.09 39	3.0 0.08 1	0	240 3.93 30	116 2.42 18	220 6.21 47	38 0.61 5		1.8		763	389 192
04S/06E-09D0 7-14-71 50 0930 50	50	69	7.9 7.5	609 590			42 1.83 30		0	184 3.02		49 1.38						212 61
MISCELLANEOUS A	REA 5-80.0	0																
07N/09E-07H0 5-05-71 52 0950 50	10	61	7.4 6.6	360 390	19.2 0.96 27	15.1 1.24 35	31.0 1.35 38	0.7 0.02 0		113 1.85 51	28.0 0.58 16	19.0 0.54 15	40.0 0.64 18		0.2		238	110 18
07N/09E-07H0 5-05-71 52 0950 50	10	59	6.8 6.2	211 260	9.6 0.48 25	5.3 0.44 23	23.0 1.00 51	1.3 0.03 1		61 1.00 52	17.0 0.35 18	20.5 0.58 30	0.0		0.4		123	46 0
07N/09E-08F0 5-05-71 52 1020 50	10	66	6.1 6.0	119 145	5.6 0.28 29	2.4 0.20 20	10.5 0.46 47	1.4 0.04 4		18 0.30 30	17.0 0.35 35	12.5 0.35 35	0.0		0.0		81	24 9
07N/09E-08FS 5-05-71 52 1030 50	10	63	5.8	90 100	3.2 0.16 22	2.4 0.20 27	8.0 0.35 47	1.0 0.03 4		7 0.11 13	0.6 0.01 1	9.5 0.27 33	27.0 0.43 53		0.0		80	18 13
LAHONTAN REGION	(00 00																	
SURPRISE VALLEY																		
39N/17E-05D0 9-15-71 - 1025 50	1 M	66	8.2	365														
40N/16E-11G0 9-15-71 - 1305 50	1 M	54	7.6	215														
40N/16E-13R0 9-15-71 - 1240 50	-	55	7.4	225														
40N/16E-36F0 9-15-71 - 0750 50	-	58	7.2	300														
40N/16E-36G0 9-15-71 50 0800 50	50	54	8.0 7.2	306 302					0	184 3.02		0.0						135 0
40N/16E-36R0 9-15-71 50 0840 50	50	90	8.1 7.8	336 310			41 1.78 54		0	107 1.75		12 0.34						75 0

State Well Number		рН	EC			Constitu		-	Milligr	oms per l		41ER	•	Milli	grams pe	r Liter	
Date Lab Time Sampler	Temp.	Field	Lob Field	Ca	Mg	Na	К	C0 ₃		t Reactar	ce Value C I		F	В	SiO ₂	TDS SUM	TH NCH
SURPRISE VALLEY 6-01.00	(Conti	nued)															
40N/17E-20C01 M 9-15-71 5050 1130 5050	56	8.1 7.7	362 365					0	130 2.13		22 0.62						93 0
40N/17E-31M01 M 9-15-71 5050 0815 5050	51	7.9 7.1	250 245					0	145 2.38		0.8 0.02						115 0
40N/17E-31P01 M 9-15-71 5050 0910 5050	60	7.8 7.0	364 345			15 0.65 17		0	158 2.59		9.0 0.25						161 32
41N/16E-09A02 M 9-16-71 5050 1045 5050	55	8.1 7.5	233 230					0	128 2.10		0.0						106 1
41N/16E-23J01 M 9-15-71 5050 1400 5050	64	7.9 7.5	344 325			61 2.65 80		0	66 1.08		22 0.62						34 0
41N/16E-25C03 M 9-15-71 1440 5050	59	8.0	 195														
41N/16E-35D02 M 9-15-71 1315 5050	57	7.3	138														
42N/16E-04P01 M 9-14-71 5050 1250 5050	61	7.9	326 325	32 1.60 45	0.90 26	23 1.00 28	0.7 0.02 1	0	190 3.11 88	0.25 7	4.0 0.11 3	3.9 0.06 2		0.1		226	125 0
42N/16E-05F01 M 9-15-71 5050 1700 5050	54	8.0 7.4	426 438			21 0.91 19		0	265 4.34		1.0 0.03						189 0
42N/16E-08E01 M 9-14-71 1315 5050	63	8.2	258														
42N/16E-08F01 M 9-14-71 1330 5050	56	7.2	330									~					
42N/16E-08M01 M 9-15-71 5050 1715 5050	51	7.8 7.3	238 245					0	145 2.38		0.0						119 0
42N/16E-08M02 M 9-15-71 5050 0720 5050	59	8.4 8.4	126 130			9.2 0.40 29		0	70 1.15		0.5 0.01						49 0
42N/16E-29B02 M 9-16-71 5050 1115 5050	54	8.2 7.3	208 205					0	123 2.02		0.0						86
42N/16E-29G01 M 9-16-71 5050 0810 5050	50	7.8 7.0	165 167			10 0.44 26		0	94 1.54		0.0						64 0
42N/16E-29H01 M 9-16-71 5050 0815 5050	55	7.8 7.1	256 255			14 0.61 22		0	147 2.41		0.5 0.01						111
42N/16E-34F01 M 9-16-71 1100 5050	61	8.0	310														
43N/16E-05L01 M 9-13-71 5050 1400 5050	56	8.1 7.1	285 300					0	162 2.66		1.9 0.05						128 0
43N/16E-07A03 M 9-13-71 1315 5050	54	7.1	232														
43N/16E-08D01 M 9-13-71 5050 1510 5050	69	7.9 7.2	275 280					0	152 2.49		2.8 0.08						126 2
43N/16E-20B01 M 9-14-71 1420 5050	63	7.8	292														
43N/16E-32K01 M 9-16-71 5050 1415 5050	66	8.3 8.3	247 245	13 0.65 25	2.8 0.23 9	39 1.70 66	0.3 0.01 0	0	141 2.31 91	5.1 0.11 4	2.2 0.06 2	5.2 0.08 3		0.1		164	44

			141	11121	IAL	7117	1210		OF (11 [1	`				-
	State Well Number Date Lab	Temp.	pH Lob	EC Lob		Mineral	Constitue	ents in		Milliegu		iter per Liter ce Value			Milli	groms per	Liter	
	Time Sampler		Field	Field	Со	Mg	Na	K	CO 3	HCO ₃	SO ₄	C I	NO3	F	В	SiO ₂	TDS SUM	TH NCH
SI	mprise valley 6-01.00	(Contin	ued)															
	43N/16E-33M03 M 9-14-71 5050 1340 5050	59	7.9 7.3	631 670	71 3.54 51	21 1.71 24	40 1.74 25	0.8 0.02 0	0	364 5.97 85	0.46 7	14 0.39 5	0.19 3		0.2		384	263 0
	43N/17E-20D01 M 9-16-71 5050 1230 5050	64	8.4	601 585					0.07	184 3.02		49 1.38						33 0
	43N/17E-21J01 M 9-16-71 5050 1240 5050	73	8.0 7.9	382 385					0	372 6.10		20 0.56						61 0
l	44N/15E-36F02 M 9-14-71 5050 1100 5050	64	7.3 6.8	134 130			4.5 0.20 13		0	83 1.36		2.4 0.07						65 0
ĺ	44N/16E-31B01 M 9-14-71 5050 1400 5050	62	7.8 7.0	415 430					0	242 3.97		3.0 0.08						182
	45N/16E-17D01 M 9-13-71 1600 5050	58	7.1	260														
	45N/16E-19Q01 M 9-13-71 1545 5050	65	7.9	325														
	46N/16E-08R02 M 9-14-71 5050 0930 5050	60	7.8 . 7.5	228 238	5.8 0.29 12	2.3 0.19 8	41 1.78 76	3.5 0.09 4	0	120 1.97 83	0.21 9	4.8 0.14 6	3.9 0.06 2		0.2		203	0
	46N/16E-08R03 M 9-14-71 5050 0920 5050	54	7.7 6.5	416 425	32 1.60 41	20 1.64 42	13 0.57 15	2.5 0.06 2	0	90 1.48 40	0.25 7	15 0.42 11	98 1.58 42		0.2		332	162 88
	46N/16E-16M01 M 9-14-71 5050 1030 5050	50	7.5 6.3	139 142					0	76 1.24		1.9 0.05						51 0
	46N/16E-20B01 M 9-14-71 5050 1115 5050	59	8.0 7.3	360 360			54 2.35 70		0	132 2.16		17 0.48						51 0
	46N/16E-23B01 M 9-14-71 0800 5050	54	7.7	320														
M	ADELINE PLAINS 6-02.00																	
	34N/13E-18E01 M 7-26-71 1500 5050	58	7.7	165														
	34N/14E-23E01 M 7-26-71 1300 5050	64	7.4	272														
	34N/15E-21L01 M 7-26-71 1315 5050	62	7.1	148														
	35N/13E-25M01 M 7-26-71 5050 1520 5050	54	7.9 7.2	982 1060			48 2.09 20		0	511 8.38		42 1.18	60 0.97					429 10
	35N/16E-19F01 M 7-26-71 1350 5050	60	7.1	335														
	37N/13E-16A01 M 7-26-71 1610 5050	64	7.4	 455														
	37N/13E-20Q01 M 7-26-71 5050 1545 5050	57	7.9 7.4	2900 3100	153 7.63 23	138 11.35 35	305 13.27 40	0.56 2	0	440 7.21 22	724 15.08 46	370 10.44 31	0.36 1		0.2		2160	950 589
W	LILOW CREEK VALLEY 6-03	3.00																
	31N/12E-13M01 M 5-20-71 0730 5050	49	7.1	1420														
	31N/12E-25G01 M 5-20-71 0830 5050	58	7.3	365														

		171		I		121)E2	<u> </u>		ms per L		1161	<u>. </u>				
State Well Number Date Lab	Temp.	pH Lab	EC Lob		Mineral	Constitu	ents in		Milliequ	uivalents	per Liter ce Value			Milli	grams pe		Tu
Time Sampler		Field	Field	Co	Mg	Na	K	CO 3	нсо3	SO ₄	СI	и03	F	В	SiO ₂	TDS SUM	TH NCH
HONEY LAKE VALLEY 6-04.	00																
22N/17E-04K01 M 5-20-71 5050 1230 5050	56	8.2 7.2	407 418	28 1.40 33	9.5 0.78 18	47 2.04 48	1.9 0.05 1	0	197 3.23 76	0.25 6	9.9 0.28 7	30 0.48 11		0.0		318	109
25N/17E-21N03 M 5-18-71 1445 5050	59	7.9	300														
25N/17E-29H01 M 5-18-71 5050 1515 5050	55	7.8 6.8	236 250	25 1.25 53	6.2 0.51 22	13 0.57 24	1.3 0.03 1	0	93 1.52 68	6.7 0.14 6	7.8 0.22 10	22 0.35 16		0.0		171	88 12
26N/16E-02G01 M 10-00-70 5000 5000		7.7	450 	29 1.45 32	9.1 0.75 16	52 2.26 49	5.0 0.13 3	0	193 3.17 70	45 0.94 21	0.39 9	0.0	0.4		90	309	110 0
27N/14E-06C01 M 5-20-71 5050 1020 5050	58	6.3	310														
27N/14E-26E01 M 5-20-71 1040 5050	56	6.1	198														
27N/14E-26F05 M 5-18-71 5050 0800 5050	54	7.6 6.1	234 238	22 1.10 52	5.4 0.44 21	11 0.48 23	3.4 0.09 4	0	39 0.64 32	8.4 0.17 9	8.6 0.24 12	57 0.92 47		0.1		215	77 45
27N/16E-36P02 M 10-00-70 5000 5000		7.5	877	74 3.69 39	26 2.14 23	78 3.39 36	5.5 0.14 2	0	189 3.10 34	234 4.87 54	34 0.96 11	5.6 0.09	0.6		67	628	292 137
28N/13E-09E01 M 5-20-71 5050 0945 5050	56	7.5 6.3	183 185					0	75 1.23		3.9 0.11						64 3
28N/13E-25L01 M 5-18-71 5050 0900 5050	59	7.8 6.8	143 145	0.60 42	3.6 0.30 21	0.48 34	1.7 0.04 3	0	61 1.00 75	0.3 0.01 1	4.9 0.14 10	12 0.19 14		0.0			45
28N/14E-06H01 M 5-18-71 5050 1015 5050	68	8.3 7.6	434 430	5.5 0.27 6	2.6 0.21 5	86 3.74 85	7.5 0.19 4	0	228 3.74 84	9.5 0.20 4	0.31 7	13 0.21 5		0.4		335	24
28N/14E-17B01 M 5-19-71 5050 1545 5050	57	8.2 7.3	379 395	30 1.50 36	0.90 21	40 1.74 41	2.7 0.07 2	0	213 3.49 87	14 0.29 7	5.9 0.17 4	5.6 0.09 2		0.1		240	120 0
28N/17E-18K01 M 5-19-71 1400 5050	61	8.1	262														
28N/17E-20J01 M 5-19-71 1410 5050	80	8.0	230														
29N/12E-02P06 M 5-17-71 5050 1130 5050	54	8.3 7.4	419 435	16 0.80 18	6.1 0.50 11	70 3.04 69	3.9 0.10 2	0	224 3.67 84	18 0.37 8	12 0.34 8	0.9 0.01 0		0.9		278	65
29N/12E-15A01 M 5-19-71 5050 0730 5050	53	7.6 6.9	206 205					0	121 1.98		2.7 0.76						78 0
29N/12E-16M02 M 5-17-71 5050 1300 5050	65	8.3 7.8	219 230	0.60 25	5.6 0.46 20	29 1.26 54	1.0 0.03 1	0	112 1.84 83	0.23 11	2.6 0.07 3	4.6 0.07 3		0.1		129	53
29N/13E-01N01 M 5-19-71 0850 5050	58	7.8	630														
29N/13E-06K01 M 5-19-71 5050 0800 5050	58	8.1 7.3	307 310	20 1.00 29	9.2 0.76 22	34 1.48 44	6.5 0.17 5	0	167 2.74 83	17 0.35 11	4.4 0.12 4	4.8 0.08 2		0.2		231	88
29N/13E-14G01 M 5-19-71 5050 1030 5050	57	7.9 7.1	1080 1120	31 1.55 15	16 1.33 13	168 7.31 70	6.2 0.16 2	0	217 3.56 34	54 1.12 11	78 2.20 21	215 3.47 34		0.2		740	144
29N/14E-04N01 M 5-19-71 5050 0930 5050	60	8.3 7.6	667 670	0.60 8	3.2 0.26 4	139 6.05 85	8.0 0.20 3	0	330 5.41 77	46 0.96 14	21 0.59 8	4.8 0.08 1		0.5		453	43
29N/14E-17Q01 M 5-19-71 5050 1130 5050	54	8.3 8.0	2080 2100	27 1.35 6	0.89 4	437 19.01 89	7.0 0.18 1	0	713 11.69 54	306 6.37 29	128 3.61 17	7.0 0.11 0		4.9		1390	112
29N/14E-18R01 M 5-19-71 5050 1030 5050	57	8.3 7.8	1440 1450					0	631 10.34	·		67 1.08					30 0

	State Well Number Date Lab	Temp.	pH Lab	EC Lob		Mineral	Constitue	ents in		Milliequ	ms per L ivalents Reactan	per Liter			Milli	grams per		
	Time Sampler		Field	Field	Co	Mg	No	к	CO 3	HCO ₃		CI	ΝО3	F	В	SiO ₂	TDS Sum	TH NCH
н	ONEY LAKE VALLEY 6-04.	00 (Cont	tinued)															
	29N/14E-19A02 M 5-19-71 1110 5050	57	7.4	1830														
	29N/14E-20A03 M 5-17-71 5050 1545 5050	50	8.3 7.8	1310 1360	32 1.60 12	17 1.42 10	238 10.35 76	0.28 2	0	413 6.77 49	219 4.56 33	81 2.29 17	9.1 0.15 1		1.3		861	151 0
	29N/15E-25A01 M 10-13-71 5050 1015 5050	66	8.9 8.4	661 645	1.2 0.06 1	0.2 0.02 0	144 6.26 97	3.6 0.09 2	0.57 9	214 3.51 53	76 1.58 24	32 0.90 13	40 0.06 1		0.8		408	4 0
l.	29N/15E-30A03 M 5-19-71 5050 1450 5050	57	8.0 7.8	587 600					0	379 6.21		7.0 0.20						44 0
	29N/16E-30L01 M 5-19-71 1240 5050	82	7.8	315														
	30N/14E-19L01 M 5-17-71 5050 1415 5050	55	8.2 7.7	425 470	26 1.30 29	19 1.58 35	35 1.52 33	6.3 0.16 3	0	200 3.28 74	43 0.90 20	6.8 0.19 4	6.5 0.10 2		0.1		282	144 0
T	AHOE VALLEY 6-05.00																	
S	OUTH TAHOE VALLEY 6-05	.01																
	12N/18E-03J01 M 5-19-71 5050 1300 5050	47	.7.9 6.9	82 85	8.3 0.41 49	2.3 0.19 23	4.9 0.21 25	1.0 0.03 3	0	45 0.74 96	0.0	0.4 0.01 1	1.3 0.02 3		0.0		70	30 0
	12N/18E-21D01 M 5-18-71 5050 1330 5050	46	7.6 8.1	81 80			4.7 0.20 24		0	48 0.79		0.0						32 0

TABLE E-2
TRACE ELEMENT ANALYSES OF GROUND WATER

- 46	Date				Constit	uents ir	n Milligr	ams per	Liter		
State Well Number	Sampled	Arsenic	Barium	Cad- mium	Copper	Iron	Lead	Manga- nese	Mercury	Sele- nium	Zino
CENTRAL VALLEY REGI	ON 5-00.00										
BIG VALLEY 5-04.00											
38N/08E-30R01 M	7-28-71	0.00									
UPPER LAKE VALLEY 5	-13.00										
		0.00		0.00	0.00	0.22	0.01	0.58		0.01	0.33
15N/09W-06Q01 M	6-10-71	0.00		0.00	0.00	0.22	0.01	0.38		0.01	0.32
KELSEYVILLE VALLEY	5-15.00										
13N/09W-05D03 M	6-08-71	0.00		0.00	0.00	0.23	0.01	0.02		0.00	0.01
13N/09W-16D03 M	6-09-71	0.00		0.00	0.00	0.21	0.02	0.19		0.00	0.03
13N/09W-21F02 M	6-09-71	0.00		0.00	0.00	0.35	0.00	0.11		0.00	0.04
SACRAMENTO VALLEY 5	-21.00										
BUTTE COUNTY 5-21.0	3										
17N/01E-01R01 M	6-23-71	0.02									
COLUSA COUNTY 5-21.	04										
16N/01W-31Q01 M	6-21-71	0.01									
PLACER COUNTY 5-21.	07										
10N/06E-02K01 M	5-14-71	0.00	0.1	0.00			0.00	*	0.0000	0.00	
10N/06E-12M01 M	5-14-71	0.00	0.0	0.00			0.00		0.0000	0.00	
11N/06E-35P01 M	5-14-71	0.00	0.0	0.00			0.00		0.0000	0.00	
SACRAMENTO COUNTY 5	-21.08										
		0.01	0.0	0.00			0.00		0.0000	0.00	
05N/03E-13B01 M	6-01-71	0.01	0.2	0.00			0.00		0.0000	0.00	
05N/04E-16E02 M 05N/04E-16R02 M	6-01-71	0.00	0.2	0.00			0.00		0.0000	0.00	
05N/04E-16R02 M 05N/04E-22H01 M			0.0						0.0000		
05N/04E-22H01 M	6-02-71 6-01-71	0.00	0.0	0.00			0.00		0.0000	0.00	
05N/05E-17A02 M	6-02-71	0.00	0.1	0.00			0.00		0.0000	0.00	
05N/06E-15C03 M	6-02-71	0.00		0.00			0.00		0.0000	0.00	
05N/06E-17D01 M	6-02-71	0.00	0.1	0.00			0.00		0.0000	0.00	
05N/07E-08J01 M	6-02-71	0.00	0.1	0.00			0.00		0.0000	0.00	
05N/07E-08M02 M	6-02-71	0.00	0.1	0.00			0.00		0.0000	0.00	
05N/07E-08R02 M	6-02-71	0.00	0.0	0.00			0.00		0.0000	0.00	
05N/07E-12101 M	6-02-71	0.00	0.1	0.00			0.00		0.0000	0.00	
06N/08E-19E01 M	5-05-71	0.00	0.1	0.00			0.00		0.0001	0.00	
07N/08E-10K01 M									0.0000	0.00	
07N/09E-10R01 M	5-06-71 5-05-71	0.00	0.1	0.00			0.00		0.0008	0.00	
07N/09E-07D01 M		0.00	0.1	0.00			0.00				
	5-05-71 5-13-71	0.01	0.1	0.00			0.00		0.0000	0.00	
09N/03E-01C01 M	5-13-71 5-14-71	0.02	0.0	0.00			0.00		0.0000	0.00	
09N/05E-14H03 M			0.0	0.00			0.00		0.0000	0.00	

TABLE E-2 (Continued) TRACE ELEMENT ANALYSES OF GROUND WATER

	Date				Constit	uents in	Millig	rams per	Liter		
State Well Number	Sampled	Arsenic	Barium	Cad- mium	Copper	Iron	Lead	Manga- nese	Mercury	Sele- nium	Zinc
SACRAMENTO COUNTY 5	-21.08 (Co	ntinued)									
09N/06E-01F01 M	6-07-71	0.00	0.2	0.00			0.00		0.0000	0.00	
09N/06E-02L01 M	6-07-71	0.00	0.1	0.00		<0.01	0.00	<0.06	0.0000	0.00	
09N/07E-18M03 M	5-11-71	0.00	0.1	0.00			0.00		0.0000	0.00	
10N/05E-14A01 M	5-13-71	0.00	0.0	0.00			0.00		0.0000	0.00	
10N/05E-14Q02 M	5-13-71	0.00	0.0	0.00			0.00		0.0000	0.00	
10N/05E-30N01 M	5-13-71	0.01	0.0	0.00			0.00		0.0000	0.00	
10N/06E-13N01 M	6-07-71	0.00	0.1	0.00		0.04	0.00	<0.06	0.0000	0.00	
10N/06E-22L01 M	6-07-71	0.00	0.2	0.00			0.00		0.0000	0.00	
10N/06E-23G01 M	6-07-71	0.00	0.1	0.00			0.00		0.0000	0.00	
10N/07E-19F01 M	5-11-71	0.00	0.0	0.00			0.00		0.0000	0.00	
SAN JOAQUIN VALLEY S											
02N/06E-16C02 M	5-13-71	0.00	0.1	0.00			0.00		0.0000	0.00	
04N/05E-13R03 M	6-07-71	0.00	0.2	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/05E-17M02 M	6-07-71	0.00	0.1	0.00		0.00	0.02	0.08	0.0000	0.00	
04N/06E-16J03 M	6-07-71	0.00	0.1	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/06E-24L04 M	6-07-71	0.00	0.1	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/06E-24L05 M	6-07-71	0.00	0.1	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/07E-14R06 M	6-07-71	0.00	0.0	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/07E-20H03 M	6-07-71	0.00	0.2	0.00		0.00	0.00	0.00	0.0000	0.00	
04N/07E-23B04 M	6-07-71	0.00	0.0	0.00		0.05	0.00	0.00	0.0000	0.00	
04N/08E-17J01 M	6-07-71	0.00	0.0	0.00		0.00	0.00	0.00	0.0000	0.00	
01S/06E-23C02 M	5-13-71	0.02	0.2	0.00			0.00		0.0000	0.00	
02S/06E-20M01 M	5-13-71	0.00	0.1	0.00			0.00		0.0000	0.01	
03s/05E-11D01 M	5-13-71	0.00	0.1	0.00			0.00		0.0000	0.00	
MISCELLANEOUS AREA	5-80.00										
07N/09E-07H01 M	5-05-71	0.00	0.1	0.00			0.00		0.0000	0.00	
07N/09E-07H01 M	5-05-71	0.00	0.0	0.00			0.00		0.0000	0.00	
07N/09E-07H02 M	5-05-71	0.00	0.1	0.00			0.00		0.0000	0.00	
07N/09E-08FS2 M	5-05-71	0.00	0.1	0.00			0.00		0.0000	0.00	
LAHONTAN REGION 6-00											
29N/12E-02P06 M	5-17-71	0.00									
29N/12E-16MO2 M	5-17-71	0.02									
29N/13E-14G01 M	5-19-71	0.00									
29N/14E-17Q01 M	5-19-71	0.96									
29N/14E-18R01 M	5-19-71	0.18									
29N/14E-20A03 M	5-17-71	0.04									
29N/15E-30A03 M	5-19-71	0.04									

